Supplemental Data

We provide a series of tables below that provide the individual values and citations that correspond to the data points in the summary figures.

AM2/IMD data for Figures 3 and 7

Cell Type		pEC_{50}		Reference
	CGRP receptor	**AM_1 receptor**	**AM_2 receptor**	
HEK-293T	8	7.5	9	Chang 2004 Intermedin, a novel calcitonin family peptide that exists in teleosts as well as in mammals: a comparison with other family peptides (Values from Hong 2012 The Pharmacology of Adrenomedullin2/Intermedin)
Cos-7	8.71	8.1	8.69	Hay 2005 Pharmacological Discrimination of Calcitonin Receptor: Receptor Activity-Modifying Protein Complexes
SK-N-MC	7.24			Pin 2007 Desensitization and re-sensitization of CGRP receptor function in human neuroblastoma SK-N-MC cells
Cos-7	9.07		10.1	Qi 2008 Identification of N-terminal Receptor activity-modifying protein residues important for CGRP, AM and AMY receptor function
Cos-7	8.24		8.96	Qi 2011 Structure-function analysis of amino acid 74 of human RMAP1 and RAMP3 and its role in peptide interactions with adrenomedullin and CGRPr
HEK293T	7.5	7.7	9.2	Roh 2004 Intermedin Is a Calcitonin/Calcitonin Gene-related Peptide Family Peptide Acting through the Calcitonin Receptor-like Receptor/Receptor Activity-modifying Protein Receptor Complexes (Values from Hong 2012 The Pharmacology of Adrenomedullin2/Intermedin)
Cos-7	7.9	7.5	8.9	Takei 2004 Novel fish-derived adrenomedullin in mammals: structure and possible function (Values from Hong 2012 The Pharmacology of Adrenomedullin2/Intermedin)
Cos-7	8.42	8.21	9.156	Watkins 2014 Receptor activity-modifying protein-dependent effects of mutations in the calcitonin receptor-like receptor: implications of AM and CGRP pharmacology
HEK-293	7.93	7.46	9.1	Weston, C 2016 Receptor Activity Modifying Protein-Directed G Protein Signaling Specificity for the Calcitonin Gene-related Peptide Family of Receptors
HEK-293S	8.74	8.57	8.01	Weston, C 2016 Receptor Activity Modifying Protein-Directed G Protein Signaling Specificity for the Calcitonin Gene-related Peptide Family of Receptors
CHO-K1	7.74	8.27		Wunder 2008 Pharmacological and Kinetic Characterization of AM1 and CGRP receptor reporter cell lines

AM data for figures 3 and 7

Cell Type		pEC_{50}		Reference
	CGRP receptor	**AM_1 receptor**	**AM_2 receptor**	
HEK-293	6.96	8.47	8.47	Aiyar 2001 Receptor activity modifying proteins interaction with human and porcine CRLR in HEK-293
COS-7	8.42			Bailey 2006 Pharmacology of the human CGRP1 receptor in COS-7 cells
Cos-7			10.1	Bailey 2010 Functional characterization of two human receptor activity-modifying protein 3 variants
COS-7		9.22		Booe 2015 Structural Basis for RAMP dependent selective peptide recognition by a GPCR
HEK-293T	7.27	8.33	8.39	Fraser 1999 The Amino Terminus of Receptor Activity Modifying Proteins is a Critical Determinant of Glycosylation State and Ligand Binding of CRLR
COS-7			9.21	Hay 2006 Determinants of 1-Piperidinecarboxamide, N-[2-[[5-Amino-l-[[4-(4-pyridinyl)-l-piperazinyl]carbonyl]pentyl]amino]-1-[(3,5-dibromo-4-hydroxyphenyl)methyl]-2-oxoethyl]-4-(1,4-dihydro-2-oxo-3(2H)-quinazolinyl) (BIBN4096BS) Affinity for Calcitonin Gene-Related Peptide and Amylin Receptors—The Role of Receptor Activity Modifying Protein 1
COS-7		8.8	9.06	Hay 2003 CL/RAMP2 and CL/RAMP3 produce pharmacologically distinct adrenomedullin receptors: a comparison of effects of adrenomedullin22-52 CGRP8-37 BIBN4096BS
HEK-293		8.59		Kubo 2014 Biological properties of adrenomedullin conjugated with polyethylene glycol
HEK293	8.86	9.34		Kuwasako 2001 The seven amino acids of human RAMP2 (86-92) and RAMP3 (59-65) are critical for agonist binding to human adrenomedullin receptors
HEK293	8.96	9.41	9.06	Kuwasako 2000 Visualization of the Calcitonin Receptor-like Receptor and Its Receptor Activity-modifying Proteins during Internalization and Recycling
HEK293 stableRAMP2		9.73		Kuwasako 2017 β-arrestins negatively control human adrenomedullin type 1-receptor internalization
HEK293 stable RAMP2		9.29		Kuwasako 2016 Inhibitory effects of two G protein-coupled receptor kinases on the cell surface expression and signaling of the human adrenomedullin receptor
HEK293	7.92	8.95	9.12	Kuwasako 2012 The third extracellular loop of the human calcitonin receptor-like receptor is crucial for the activation of adrenomedullin signalling
HEK293 stable CLR-eGFP		9.76	9.56	Kuwasako 2012 Characterization of the single transmembrane domain of human receptor activity-modifying protein 3 in adrenomedullin receptor internalization
HEK293 stable RAMP2		9.16		Kuwasako 2011 Structure–function analysis of helix 8 of human calcitonin receptor-like receptor within the adrenomedullin 1 receptor
HEK-293		9.49	9.55	Kuwasako 2008 Functions of the extracellular histidine residues of receptor activity-modifying proteins vary with adrenomedullin receptors
HEK-293 stable RAMP2		8.99		Kuwasako 2010 Function of the cytoplasmic tail of human calcitonin receptor-like receptor in complex with receptor activity-modifying protein 2
HEK-293 Stable CLR-GFP		9.42	9.39	Kuwasako 2006 Functions of the Cytoplasmic Tails of the Human Receptor Activity-modifying Protein Components of Calcitonin Gene-related Peptide and Adrenomedullin Receptors*
SK-N-MC	7.51			Pin 2007 Desensitization and re-sensitization of CGRP receptor function in human neuroblastoma SK-N-MC cells

CHO-K1		9.74		Pin 2007 Desensitization and re-sensitization of CGRP receptor function in human neuroblastoma SK-N-MC cells
Cos-7	8.27		9.92	Qi 2008 Identification of N-terminal Receptor activity-modifying protein residues important for CGRP, AM and AMY receptor function
Cos-7	8.04		9.76	Qi 2011 Structure-function analysis of amino acid 74 of human RAMP1 and RAMP3 and its role in peptide interactions with adrenomedullin and CGRP
COS-7	8.51		9.9	Qi 2010 Structure-Function Analysis of RAMP1-RAMP3 Chimeras
COS-7			10.1	Robinson 2009 Novel Peptide Antagonists of Adrenomedullin and CGRP receptor: Identification, Pharmacological Characterization, and Interactions with Position 74 in Receptor Activity Modifying Protein 1/3
COS-7	8.45			Simms J 2009 Structure-Function Analysis of RAMP1 by Alanine Mutagenesis
Cos-7	8	9.9	9.7	Takei 2004 Novel fish-derived adrenomedullin in mammals: structure and possible function (Values from Hong 2012 The Pharmacology of Adrenomedullin2/Intermedin)
COS-7	8.51	9.39	9.48	Udawela M 2006a A critical role for the short intracellular C terminus in receptor activity-modifying protein function
HEK293	7.07	7.63	8.29	Udawela M 2006a A critical role for the short intracellular C terminus in receptor activity-modifying protein function
Cos-7	8.37	9.04	9.539	Watkins HA 2014 Receptor activity-modifying protein-dependent effects of mutations in the calcitonin receptor-like receptor: implications of AM and CGRP pharmacology
Cos-7		9.12	9.27	Watkins HA 2016 Receptor activity-modifying proteins 2 and 3 generate adrenomedullin receptor subtypes with distinct molecular properties
Cos-7		9.5		Watkins HA 2013 Identification of key residues involved in adrenomedullin binding to the AM1 receptor
HEK-293T		8.5		Weston 2015 Modulation of Glucagon Receptor Pharmacology by Receptor Activity-modifying Protein-2 (RAMP2)
HEK-293	7.93	10.35	8.98	Weston C 2016 Receptor Activity Modifying Protein-Directed G Protein Signaling Specificity for the Calcitonin Gene-related Peptide Family of Receptors
HEK-293S	8.13	9.39	9.63	Weston C 2016 Receptor Activity Modifying Protein-Directed G Protein Signaling Specificity for the Calcitonin Gene-related Peptide Family of Receptors
COS-7	8.12			Woolley 2013 The role of ECL2 in CGRP receptor activation: a combined modelling and experimental approach
CHO-K1	8.44	9.45		Wunder 2008 Pharmacological and Kinetic Characterization of AM1 and CGRP receptor reporter cell lines

αCGRP for figures 3 and 7

Cell Type		pEC_{50}		Reference
	CGRP receptor	AM_1 receptor	AM_2 receptor	
HEK-293	9.01	6.83	6.55	Aiyar 2001 Receptor activity modifying proteins interaction with human and porcine CRLR in HEK-293
Cos-7	10.11			Bailey 2006 Pharmacology of the human CGRP1 receptor in COS-7 cells
HEK293T	8.79			Banerjee 2006 Identification of specific calcitonin-like receptor residues important for calcitonin gene-related peptide high affinity binding
Cos-7	9.46			Barwell 2010 Mapping interaction sites within the N-terminus of the calcitonin gene-related peptide receptor; the role of residues 23–60 of the calcitonin receptor-like receptor
COS-7	9.81			Barwell 2011 Extracellular loops 1 and 3 and their associated transmembrane regions of the calcitonin receptor-like receptor are needed for CGRP receptor function
COS-7	9.65			Booe 2015 Structural Basis for RAMP dependent selective peptide recognition by a GPCR
Cos-7	9.35			Conner 2005 A Key Role for Transmembrane Prolines in Calcitonin Receptor-Like Receptor Agonist Binding and Signalling: Implications for Family B G-Protein-Coupled Receptors
COS-7	9.4			Conner 2006 Diverse functional motifs within the three intracellular loops of the CGRP1 receptor
Cos-7	9.53			Conner 2006 The Second Intracellular Loop of the Calcitonin Gene-related Peptide Receptor Provides Molecular Determinants for Signal Transduction and Cell Surface Expression
COS-7	9.85			Conner 2008 Functional and Biophysical analysis of the C-terminus of the CGRP-receptor; a Family B GPCR
HEK-293 tSA201	10.44			Fitzsimmons 2003 The Extracellular domain of Receptor Activity-modifying Protein 1 is sufficient for Calcitonin Receptor-like Receptor Function
HEK-293T	8.18	6.72	6.64	Fraser 1999 The Amino Terminus of Receptor Activity Modifying Proteins is a Critical Determinant of Glycosylation State and Ligand Binding of CRLR
Cos-7	9.47	6.39	6.87	Hay 2005 Pharmacological Discrimination of Calcitonin Receptor: Receptor Activity-Modifying Protein Complexes
COS-7	9.52		6.67	Hay 2006 Determinants of 1-Piperidinecarboxamide, N-[2-[[5-Amino-l-[[4-(4-pyridinyl)-l-piperazinyl]carbonyl]pentyl]amino]-1-[(3,5-dibromo-4-hydroxyphenyl)methyl]-2-oxoethyl]-4-(1,4-dihydro-2-oxo-3(2H)-quinazolinyl) (BIBN4096BS) Affinity for Calcitonin Gene-Related Peptide and Amylin Receptors—The Role of Receptor Activity Modifying Protein 1
HEK293	9.47			Kuwasako 2000 Visualization of the Calcitonin Receptor-like Receptor and Its Receptor Activity-modifying Proteins during Internalization and Recycling
HEK293	9.47			Kuwasako 2001 The seven amino acids of human RAMP2 (86-92) and RAMP3 (59-65) are critical for agonist binding to human adrenomedullin receptors
HEK-293	9.16			Kuwasako 2003 Identification of the Human Receptor Activity-modifying Protein 1 Domains Responsible for Agonist Binding Specificity
HEK-293 Stable CLR-GFP	9.77			Kuwasako 2006 Functions of the Cytoplasmic Tails of the Human Receptor Activity-modifying Protein Components of Calcitonin Gene-related Peptide and Adrenomedullin Receptors*

HEK293	9.7	6.63	7.13	Kuwasako 2012 The third extracellular loop of the human calcitonin receptor-like receptor is crucial for the activation of adrenomedullin signalling
COS-7	9.64			Miller 2010 Non-peptidic antagonists of the CGRP receptor, BIBN4096BS and MK-0974, interact with the calcitonin receptor-like receptor via methionine-42 and RAMP1 via tryptophan-74
HEK-293	9.66			Moore 2010 Mapping the CGRP receptor ligand binding domain: Tryptophan-84 of RAMP1 is critical for agonist and antagonist binding
Cos-7	10.35		7.23	Qi 2010 Structure-Function Analysis of RAMP1-RAMP3 Chimeras
Cos-7	10.1		7.36	Qi 2008 Identification of N-terminal Receptor activity-modifying protein residues important for CGRP, AM and AMY receptor function
Cos-7	9.84		6.77	Qi 2011 Structure function analysis of amino acid 74 of human RMAP1 and RAMP3 and its role in peptide interactions with adrenomedullin and CGRPr
COS-7	9.6			Simms J 2006 Characterization of the Structure of RAMP1 by Mutagenesis and Molecular Modeling
COS7	10.39			Simms J 2009 Structure-Function Analysis of RAMP1 by Alanine Mutagenesis
COS-7	9.27			Steiner 2002 The Transmembrane Domain of Receptor-Activity Modifying Protein one is essential for the functional expression of a calcitonin gene related peptide receptor
Cos-7	9.75			Steiner 2003 The function of conserved cysteine residues in the extracellular domain of human receptor-activity-modifying protein 1
Cos-7	9.8	7.5	7.5	Takei 2004 Novel fish-derived adrenomedullin in mammals: structure and possible function (Values from Hong 2012 The Pharmacology of Adrenomedullin2/Intermedin)
COS-7	9.6	6.97	6.93	Udawela 2006a A critical role for the short intracellular C terminus in receptor activity-modifying protein function
HEK293	8.49	6.8	7.32	Udawela 2006a A critical role for the short intracellular C terminus in receptor activity-modifying protein function
Cos-7		6.99	7.31	Watkins 2014 Receptor activity-modifying protein-dependent effects of mutations in the calcitonin receptor-like receptor: implications of AM and CGRP pharmacology
HEK-293	9.66	9	7.75	Weston 2016 Receptor Activity Modifying Protein-Directed G Protein Signaling Specificity for the Calcitonin Gene-related Peptide Family of Receptors
HEK-293S	9.88	8	8.42	Weston 2016 Receptor Activity Modifying Protein-Directed G Protein Signaling Specificity for the Calcitonin Gene-related Peptide Family of Receptors
HEK-293T	9.3			Weston 2015 Modulation of Glucagon Receptor Pharmacology by Receptor Activity-modifying Protein-2 (RAMP2)
Cos-7	9.82			Woolley 2013 The role of ECL2 in CGRP receptor activation: a combined modelling and experimental approach
COS-7	10.34			Woolley 2017 Understanding the molecular functions of the second extracellular loop (ECL2) of the calcitonin gene-related peptide (CGRP) receptor using a comprehensive mutagenesis approach
CHO-K1	9.5	6.87		Wunder 2008 Pharmacological and Kinetic Characterization of AM1 and CGRP receptor reporter cell lines

Data for AMY_1 Figure 5A

Cell Type		pEC_{50}			Reference
	αCGRP	rAmy	hAmy	βCGRP	
COS-7	9.38				Gingell 2010 A key role for tryptophan 84 in receptor activity-modifying protein 1 in the amylin 1 receptor
COS-7	9.72				Gingell 2016 An allosteric role for receptor activity-modifying proteins in defining GPCR pharmacology
HEK293S		8.98	9		Gingell 2014 Activity of Pramlintide, Rat and Human Amylin but not Aβ1-42 at Human Amylin Receptors
COS-7		9.9	9.71		Gingell 2014 Activity of Pramlintide, Rat and Human Amylin but not Aβ1-42 at Human Amylin Receptors
COS-7			9.76		Harris 2013 A single pseudoproline and microwave solid phase peptide synthesis facilitates an efficient synthesis of human amylin 1-37
COS-7	8.7	9.12		9.16	Hay 2005 Pharmacological Discrimination of Calcitonin Receptor: Receptor Activity-Modifying Protein Complexes
COS-7				9.17	Hay 2006 Determinants of 1-Piperidinecarboxamide, N-[2-[[5-Amino-l-[[4-(4-pyridinyl)-l-piperazinyl]carbonyl]pentyl]amino]-1-[(3,5-dibromo-4-hydroxyphenyl)methyl]-2-oxoethyl]-4-(1,4-dihydro-2-oxo-3(2H)-quinazolinyl) (BIBN4096BS) Affinity for Calcitonin Gene-Related Peptide and Amylin Receptors—The Role of Receptor Activity Modifying Protein 1
COS-7	9.55				Hay 2014 Structure-activity relationships of the N-terminus of calcitonin gene-related peptide: key roles of alanine-5 and threonin-6 in receptor activation
COS-7		9.41			Lee 2016 Calcitonin and amylin receptor peptide interaction mechanisms: Insights into peptide-binding modes and allosteric modulation of the calcitonin receptor by receptor activity-modifying proteins
COS-7	9.11				Leuthauser 2000 Receptor-activity-modifying protein 1 forms heterodimers with two G-protein-coupled receptors to define ligand recognition
HEK293		9.69			Morfis 2008 Receptor activity-modifying proteins differentially modulate the G protein-coupling efficiency of amylin receptors
COS-7		9.23			Morfis 2008 Receptor activity-modifying proteins differentially modulate the G protein-coupling efficiency of amylin receptors
RAEC		9.66	8.73		Muff 1999 An amylin receptor is revealed following co-transfection of a calcitonin receptor with receptor activity-modifying proteins-1 or -3
COS-7				10.73	Qi 2008 Identification of N-terminal Receptor activity-modifying protein residues important for CGRP, AM and AMY receptor function
COS-7				10.9	Qi 2010 Structure-Function Analysis of RAMP1-RAMP3 Chimeras
HEK293S	9.16	10.1			Qi 2013 Receptor activity-modifying protein-dependent impairment of calcitonin receptor splice variant Δ(1-47)hCT(a) function
COS-7	10.2	10.5			Qi 2013 Receptor activity-modifying protein-dependent impairment of calcitonin receptor splice variant Δ(1-47)hCT(a) function
COS-7	8.08	8.61			Udawela 2006a A Critical role for the short intracellular C terminus in receptor-activity modifying protein function
COS-7		8.47			Udawela 2006b Distinct receptor activity-modifying protein domains differentially modulate interaction with calcitonin receptors
COS-7	9.63				Walker 2015 A Second trigeminal CGRP receptor: function and expression of the AMY1 receptor

αCGRP data for Figure 5B

Cell Type				pEC_{50}				Reference
	CGRP receptor	**AM_1 receptor**	**AM_2 receptor**	**$CT_{(a)}$**	**$AMY_{1(a)}$**	**$AMY_{2(a)}$**	**$AMY_{3(a)}$**	
HEK293	9.01	6.83	6.55					Aiyar 2001 Receptor activity modifying proteins interaction with human and porcine CRLR in HEK-293
COS-7	10.11							Bailey 2006 Pharmacology of the human CGRP1 receptor in COS-7 cells
HEK293T	8.79							Banerjee 2006 Identification of specific calcitonin-like receptor residues important for calcitonin gene-related peptide high affinity binding
COS-7	9.81							Barwell 2011 Extracellular loops 1 and 3 and their associated transmembrane regions of the calcitonin receptor-like receptor are needed for CGRP receptor function
COS-7	9.46							Barwell 2010 Mapping interaction sites within the N-terminus of the calcitonin gene-related peptide receptor; the role of residues 23–60 of the calcitonin receptor-like receptor
COS-7	9.65							Booe 2015 Structural Basis for RAMP dependent selective peptide recognition by a GPCR
COS-7	9.35							Conner 2005 A Key Role for Transmembrane Prolines in Calcitonin Receptor-Like Receptor Agonist Binding and Signalling: Implications for Family B G-Protein-Coupled Receptors
COS-7	9.4							Conner 2006 Diverse functional motifs within the three intracellular loops of the CGRP1 receptor
COS-7	9.53							Conner 2006 The Second Intracellular Loop of the Calcitonin Gene-related Peptide Receptor Provides Molecular Determinants for Signal Transduction and Cell Surface Expression
COS-7	9.85							Conner 2008 Functional and Biophysical analysis of the C-terminus of the CGRP-receptor; a Family B GPCR
HEK293	10.44							Fitzsimmons 2003 The Extracellular domain of Receptor Activity-modifying Protein 1 is sufficient for Calcitonin Receptor-like Receptor Function
HEK293T	8.18	6.72	6.64					Fraser 1999 The Amino Terminus of Receptor Activity Modifying Proteins is a Critical Determinant of Glycosylation State and Ligand Binding of CRLR
COS-7				6.8	9.38			Gingell 2010 A key role for tryptophan 84 in receptor activity-modifying protein 1 in the amylin 1 receptor
COS-7				7.2	9.72	8.17	8.21	Gingell 2016 An allosteric role for receptor activity-modifying proteins in defining GPCR pharmacology
COS-7	9.47	6.39	6.87	6.8	8.7		7.6	Hay 2005 Pharmacological Discrimination of Calcitonin Receptor: Receptor Activity-Modifying Protein Complexes
COS-7	9.52		6.67					Hay 2006 Determinants of 1-Piperidinecarboxamide, N-[2-[[5-Amino-l-[[4-(4-pyridinyl)-l-piperazinyl]carbonyl]pentyl]amino]-1-[(3,5-dibromo-4-hydroxyphenyl)methyl]-2-oxoethyl]-4-(1,4-dihydro-2-oxo-3(2H)-quinazolinyl) (BIBN4096BS) Affinity for Calcitonin Gene-Related Peptide and Amylin Receptors—The Role of Receptor Activity Modifying Protein 1
COS-7					9.55			Hay 2014 Structure-activity relationships of the N-terminus of calcitonin gene-related peptide: key roles of alanine-5 and threonin-6 in receptor activation
HEK293	9.47							Kuwasako 2000 Visualization of the Calcitonin Receptor-like Receptor and Its Receptor Activity-modifying Proteins during Internalization and Recycling
HEK293	9.47							Kuwasako 2001 The seven amino acids of human RAMP2 (86-92) and RAMP3 (59-65) are critical for agonist binding to human adrenomedullin receptors
HEK293	9.16							Kuwasako 2003 Identification of the Human Receptor Activity-modifying Protein 1 Domains Responsible for Agonist Binding Specificity

HEK293	9.77							Kuwasako 2006 Functions of the Cytoplasmic Tails of the Human Receptor Activity-modifying Protein Components of Calcitonin Gene-related Peptide and Adrenomedullin Receptors
HEK293	9.7	6.63	7.13					Kuwasako 2012 The third extracellular loop of the human calcitonin receptor-like receptor is crucial for the activation of adrenomedullin signalling
COS-7					9.11			Leuthauser 2000 Receptor-activity-modifying protein 1 forms heterodimers with two G-protein-coupled receptors to define ligand recognition
COS-7	9.64							Miller 2010 Non-peptidic antagonists of the CGRP receptor, BIBN4096BS and MK-0974, interact with the calcitonin receptor-like receptor via methionine-42 and RAMP1 via tryptophan-74
HEK293	9.66							Moore 2010 Mapping the CGRP receptor ligand binding domain: Tryptophan-84 of RAMP1 is critical for agonist and antagonist binding
COS-7	10.1		7.36					Qi 2008 Identification of N-terminal Receptor activity-modifying protein residues important for CGRP, AM and AMY receptor function
COS-7	10.35		7.23					Qi 2010 Structure-Function Analysis of RAMP1-RAMP3 Chimeras
COS-7	9.84		6.77					Qi 2011 Structure function analysis of amino acid 74 of human RMAP1 and RAMP3 and its role in peptide interactions with adrenomedullin and CGRPr
HEK293S				8.11	9.16		9.17	Qi 2013 Receptor activity-modifying protein-dependent impairment of calcitonin receptor splice variant Δ(1-47)hCT(a) function
COS-7				8.34	10.2		7.91	Qi 2013 Receptor activity-modifying protein-dependent impairment of calcitonin receptor splice variant Δ(1-47)hCT(a) function
COS-7	9.6							Simms 2006 Characterization of the Structure of RAMP1 by Mutagenesis and Molecular Modeling
COS-7	10.39							Simms 2009 Structure-Function Analysis of RAMP1 by Alanine Mutagenesis
COS-7	9.27							Steiner 2002 The Transmembrane Domain of Receptor-Activity Modifying Protein one is essential for the functional expression of a calcitonin gene related peptide receptor
COS-7	9.75							Steiner 2003 The function of conserved cysteine residues in the extracellular domain of human receptor-activity-modifying protein 1
COS-7	9.8	7.5	7.5					Takei 2004 Novel fish-derived adrenomedullin in mammals: structure and possible function, values from Hong 2012 Pharmacology of AM2
COS-7	9.6	6.97	6.93	7.2	8.08	7.29		Udawela 2006a A critical role for the short intracellular C terminus in receptor activity-modifying protein function
HEK293	8.49	6.8	7.32					Udawela 2006a A critical role for the short intracellular C terminus in receptor activity-modifying protein function
COS-7				6.88		7.11	7.62	Udawela 2006b Distinct receptor activity-modifying protein domains differentially modulate interaction with calcitonin receptors
COS-7	9.92				9.63			Walker 2015 A Second trigeminal CGRP receptor: function and expression of the AMY1 receptor
COS-7		6.99	7.31					Watkins 2014 Receptor activity-modifying protein-dependent effects of mutations in the calcitonin receptor-like receptor: implications of AM and CGRP pharmacology
HEK293T	9.3							Weston 2015 Modulation of Glucagon Receptor Pharmacology by Receptor Activity-modifying Protein-2 (RAMP2)
HEK293S	9.88	8	8.42					Weston 2016 Receptor Activity Modifying Protein-Directed G Protein Signaling Specificity for the Calcitonin Gene-related Peptide Family of Receptors
HEK293	9.66	9	7.75					Weston 2016 Receptor Activity Modifying Protein-Directed G Protein Signaling Specificity for the Calcitonin Gene-related Peptide Family of Receptors
COS-7	9.82							Woolley 2013 The role of ECL2 in CGRP receptor activation: a combined modelling and experimental approach

COS-7	10.34							Woolley 2017 Understanding the molecular functions of the second extracellular loop (ECL2) of the calcitonin gene-related peptide (CGRP) receptor using a comprehensive mutagenesis approach
CHO-K1	9.5	6.87						Wunder 2008 Pharmacological and Kinetic Characterization of AM1 and CGRP receptor reporter cell lines

βCGRP data for Figures 3 and 5

Cell Type		**pEC_{50}**			**Reference**
	CGRP receptor	**AM_1 receptor**	**AM_2 Receptor**	**AMY_1 receptor**	
HEK-293	9.09	7.43	6.17		Aiyar 2001 Repector activity modifying proteins interaction with human and porcine CRLR in HEK-293
Cos-7	10.5				Bailey 2006 Pharmacology of the human CGRP1 receptor in COS-7 cells
HEK-293T	8.11	7.67	7.45	9.17	Fraser 1999 The Amino Terminus of Receptor Activity Modifying Proteins is a Critical Determininat of Glycosylation State and Ligand Binding of CRLR
COS-7				9.16	Hay 2005 Pharmacological Discrimination of Calcitonin Receptor: Receptor Activity-Modifying Protein Complexes
COS-7	9.76		7.36		Hay 2006 Determinants of 1-Piperidinecarboxamide, N-[2-[[5-Amino-l-[[4-(4-pyridinyl)-l-piperazinyl]carbonyl]pentyl]amino]-1-[(3,5-dibromo-4-hydroxyphenyl)methyl]-2-oxoethyl]-4-(1,4-dihydro-2-oxo-3(2H)-quinazolinyl) (BIBN4096BS) Affinity for Calcitonin Gene-Related Peptide and Amylin Receptors—The Role of Receptor Activity Modifying Protein 1
Cos-7	10.77		7.61	10.9	Qi 2010 Structure-Function Analysis of RAMP1-RAMP3 Chimeras
Cos-7				10.73	Qi 2008 Identification of N-terminal Receptor activity-modifying protein residues important for CGRP, AM and AMY receptor function
CHO-K1	9.53	7.95			Wunder 2008 Pharmacological and Kinetic Characterization of AM1 and CGRP receptor reporter cell lines