

Transmembrane

Human : MEPTVADVHLVPTTKE--VPALDAACCRAASIGVVATSLVVLTGLVLLAFLSTQGFHVDHTAELRGIRWTSLSRRETSDYHRTLTPMLEALLHFLLRPLQTLISGLEEELLQRGIRARLRE : 120
Mouse : MEPTAPDLQLVPEVTKAVSVSAPDPGPCRTAVIAVVGISMAIVTLGVLSAFFSAQGAHVEHIAELHGIRFTSSILQENSDFYRLLTHALQTLHFLLRALQPLSLKQEAIDLQKGIQARLQE : 122
Rat : MEPAAPDLQPVPEVTKGVVPTPDSGCCRAAVTTVVAISVASLTLGVLSAFFSAQGVQVEHTAQLHGVRFTSSLQENSDFYRLLTALQTLHFLLRALQPLSLDQEAIDLQKGIQARLQ : 122

LDLR

Serase-1



Human : HGISLAAYGTIVSAELTGRHKGPLAERDFKSGRCPCGNSFSCGNSQCVTKNVNEPCDDQEDCSDGSDEAHCECGLQPAWRMAGRIVGGMEASPGFEPWQASLRENKEHFCCGAAIINARWLVSAA : 242
Mouse : QGLSLAAYGTIVSVELTGRCEGPVTERDLKSGHCPGNVFSQNGQCVSKENPECDDRVDCSDESDEAQCDCGWQPAWRMAGRIVGGVEAAPGEPWQVSLRENHEHFCCGATIIIGARWLVSAA : 244
Rat : QGLSLAAYGTIITSVELTGRCEGPVTERDLKSGHCPGNVFSQNSQCVSKENPECDDRVDCSDGSDEAQCDCGWQPAWRMAGRIVGGVEAAPGEPWQVSLRENHEHFCCGATIIIGARWLVSAA : 244

Human : HCFNEFDPTKVVAVYGATYLSGSEASTVRAQVQIVKHPLYNADTADFVAVLELTSPLPFGRIHQVCLPAATHIFPPSKKCLISGWGYLKEDFLVKPEVLQKATVELLDQALCASLYGH : 364
Mouse : HCFNEFDPAQWAAQAGSVHLSGSEASAVRTRVLRIAKHAPYADTADFVAVLELRLPFPGRYVQPAACLPATHVFPFGKCLISGWGYLKEDFLVKPEVLQKATVELLDQSLCSSLYGH : 366
Rat : HCFNEFDPAQWAAQAGSVHLSGSEASAVRRARVLRIAKHAPYADTADFVAVLELRLPFPGRYVQPAACLPATHVFPFRKCLISGWGYLKEDFLVKPEVLQKATVELLDQNLCSLLYGH : 366

Human : SLTDRMVCAGYLDGKVDSCQDGGGLVCEEPSGRFFLAGIVSWGIGCAEARPGVYARVTRLRDWILEATTKASMPMAPAPAPSTAWPTSPESPVVSPTKSMQALSTVPLDWVTV : 486
Mouse : SLTDRMVCAGYLDGKVDSCQDGGGLVCEEPSGRFFLAGIVSWGIGCAEARPGVYTRVTRLRDWILEVTSAADMPVPTATPAPATPSTPWPTSPESWAPNTFAKPTAAPSVPPLHPSTT : 488
Rat : SLTDRMVCAGYLDGKVDSCQDGGGLVCEEPSGRFFLAGVSWGIGCAEARPGVYTRVTRLRDWILEVTSADTPVVPTEAPAPITPSTPWPTSPESRVPNTAKPTVAPTAPLHPSTA : 488

Serase-2



Human : PKLQECGARPAMEKPTRVVGFGAASGEVPWQVSLKEGRHFCGATVVGDRWLLSAAHCFNHTKVEQVRAHLGTASLLGLGGSPVKIGLRRVVLHPLYNPGILDVDFLAVLELASPLAFNKYI : 608
Mouse : AKPQECGARPAMDKPTRIVGGISAVSGEVPWQASLKEGRHFCGATVVGDRWLLSAAHCFNHTKVEQVQAHLGTVSLLVGGSPVKLGLRRVALHPRYNPGILDVDFLAVLELAQPLVFNKYI : 610
Rat : AKPQECGARPAMDKPTRIVGGISAVSGEVPWQASLKEGRHFCGATVVGDRWLLSAAHCFNHTKLEQVQAHLGTVSLLVGGSPVKLGLRSVALHPRYNPGILDVDFLAVLELAQPLVFNKYI : 610

Human : QPVCLPLAIQKFPVGRKCMISGWGNTQEGNATKPELLQKASVGIIDQKTCVSVLYNFSLTDRMICAGFLEGVKVDSCQDGGGLVCEEPAGVFYLAGIVSWGIGCAQVKKPGVYTRITRLKDW : 730
Mouse : QPVCLPLAIHKFPVGRKCMISGWGNTQEGNATKPDILQKASVGIIEQKMGALYNFSLTDRMLCAGFLEGRVDSQDGGGLVCEEPAGVFYLAGIVSWGIGCAQAKKPGVYARITRLKDW : 732
Rat : QPVCLPLAIHKFPVGRKCMISGWGNTQEGNATKPDILQKASVGIIEQKMGALYNFSLTDRMLCAGFLEGRVDSQDGGGLVCEEPAGVFYLAGIVSWGIGCAQAKKPGVYARITRLKDW : 732

Serase-3



Human : ILEIMSSQPLPMSPP--STTRMLATTSERTT-AGLTVFGATPSRP-TPGAASRVTGQPANSTLSAVSTTARGQTPFPDAPEATHTQLPDCGLA-PAALTRIVGGSAAAGREWPQVSLWLR : 847
Mouse : ILKAMSSDPSSMARPHSTSTRLLPSEPKTTAAGLIIP EATTSRLATPRATIRVTTREPLNTTLSARSTTRGQTAAPSAPGTTIHSHPDCGLAPPALTRIVGGSAAASLGEWPQVSLWLR : 854
Rat : ILKAMSSDPSSTAHPHTSSTRLLPSPPTTTAAGL-IP EASTGRPATLRATIRVTTREPLNTTLSARSTTRRQTP---APGTTVFSHLPDCGLAPPALTRIVGGSAAASLGEWPQVSLWLR : 850

Human : RREHRCGAVLVAERWLLSAAHCFDVGDPKQWAAFLGTPFLLSSTEGQLERVARIYKHPFYNYITLDYDVALLELAGPVRRSRLVRPICLPEPAPRPPDGTRCVITGWGSLREGGSMARQLQK : 969
Mouse : RREHRCGAVLVAERWLLSAAHCFDIYDPMQWAAFLGTPFLLSSTEGQLERVARIYRHPFYNYITLDYDVALLELAGPVRRSRLVRPICLPGPA-RPPDGARCVITGWGSLREGGSMARQLQK : 975
Rat : RREHRCGAVLVAERWLLSAAHCFDVGDPKQWAAFLGTPFLLSSTEGQLERVARIYRHPFYNYITLDYDVALLELAGPVRRSRLVRPICLPGPT-RPPEGARCVITGWGSLREGGSMARQLQK : 971

Human : AAVRLLSEQTCRRFYPVQISSRMLCAGFPQGGVDSGSDAGGPLACREPSGRWVLTGVTSWGYGCGRPHFPVGYTRVAAVRGWIGQHIQE : 1059
Mouse : AAVRVLSEQTCRRFYPVQISSRMLCAGFPQGGVDSGSDAGGPLACREPSGQWVLTGVTSWGYGCGRPHFPVGYTRVAAVLWIGQNIQE : 1065
Rat : AAVRVLSEQTCRRFYPVQISSRMLCAGFPQGGVDSGSDAGGPLACREPSGQWVLTGVTSWGYGCGRPHFPVGYTRVAAVLWIGQNIQE : 1061