

Type of C14 peptidase	Abbreviation	Protein ID	Protein name	Species	Kingdom	Phylum	Class
Initiator caspases	HsC2	NP_116764.2	caspase-2	Homo sapiens	Animalia	Chordata	Mammalia
	HsC8	AAL87630.1	caspase-8	Homo sapiens	Animalia	Chordata	Mammalia
	HsC9	AAD13615.1	caspase-9	Homo sapiens	Animalia	Chordata	Mammalia
	HsC10	NP_116759.2	caspase-10	Homo sapiens	Animalia	Chordata	Mammalia
	DmC1	NP_477249.3	DREDD	Drosophila melanogaster	Animalia	Arthropoda	Insecta
	DmC2	NP_524017.1	DRONC	Drosophila melanogaster	Animalia	Arthropoda	Insecta
	CeC1	AAG42045.1	CED-3	Caenorhabditis elegans	Animalia	Nematoda	Chromadorea
	CeC2	AAC98292.1	Csp-1	Caenorhabditis elegans	Animalia	Nematoda	Chromadorea
	CeC3	AAC98295.1	Csp-2	Caenorhabditis elegans	Animalia	Nematoda	Chromadorea
Inflammatory caspases	HsC1	BAD97223.1	caspase-1	Homo sapiens	Animalia	Chordata	Mammalia
	HsC4	NP_001216.1	caspase-4	Homo sapiens	Animalia	Chordata	Mammalia
	HsC5	ABB58698.1	caspase-5	Homo sapiens	Animalia	Chordata	Mammalia
Effector caspases	HsC3	CAC88866.1	caspase-3	Homo sapiens	Animalia	Chordata	Mammalia
	HsC6	NP_001217.2	caspase-6	Homo sapiens	Animalia	Chordata	Mammalia
	HsC7	NP_203126.1	caspase-7	Homo sapiens	Animalia	Chordata	Mammalia
	DmC3	NP_001260718.1	Strica	Drosophila melanogaster	Animalia	Arthropoda	Insecta
	DmC4	NP_476974.1	DCP1	Drosophila melanogaster	Animalia	Arthropoda	Insecta
	DmC5	CAA72937.1	DRICE	Drosophila melanogaster	Animalia	Arthropoda	Insecta
	DmC6	AAD54071.2	Decay	Drosophila melanogaster	Animalia	Arthropoda	Insecta
DmC7	AAF82437.1	Damm	Drosophila melanogaster	Animalia	Arthropoda	Insecta	

Caspase-14	AmC1	AAG02769.1		Amsacta moorei entomopoxvirus	Viruses	-	-	
	CfaC1	CAF04324.1		Spodoptera frugiperda ascovirus 1a	Viruses	-	-	
	CeC4	AAC98297.1	Csp-3	Caenorhabditis elegans	Animalia	Nematoda	Chromadorea	
	HsC14	NP_036246.1	caspase-14	Homo sapiens	Animalia	Chordata	Mammalia	
	Paracaspase type I	HsPCP1	NP_006776.1	MALT1	Homo sapiens	Animalia	Chordata	Mammalia
		CePC1	AAG38591.1		Caenorhabditis elegans	Animalia	Nematoda	Chromadorea
		DrPCP1	XP_005161758	Paracaspase PCP1	Danio reio	Animalia	Chordata	Actinopterygii
		DrPCP2	XP_699905.5	Paracaspase PCP2	Danio reio	Animalia	Chordata	Actinopterygii
		DrPCP3	XP_005165669	Paracaspase PCP3	Danio reio	Animalia	Chordata	Actinopterygii
		HvPCP1	XP_002158339.1		Hydra vulgaris	Animalia	Cnidaria	Anthozoa
		NvPCP1	XP_001629506.1	Paracaspase 1	Nematostella vectensis	Animalia	Cnidaria	Anthozoa
		NvPCP2	XP_001629519	Paracaspase 2	Nematostella vectensis	Animalia	Cnidaria	Anthozoa
	Paracaspase type II	NvPCP3	XP_001629517.1	Paracaspase 3	Nematostella vectensis	Animalia	Cnidaria	Anthozoa
		ShPCP1	XP_007298416.1		Stereum hirsutum FP-91666 SS1	Fungi	Basidiomycota	Agaricomycetes
DdPCP1		AAG38592.1	Paracsapase 1	Dyctiostelium discodeum	Protozoa	Amoebozoa	Dictyostelia	
DdPCP2		XP_642523.1	Paracsapase 2	Dyctiostelium discodeum	Protozoa	Amoebozoa	Dictyostelia	
MbMC1	KUK73427.1	C14 peptidase 1	Methanobacterium sp	Archaea	Euryarchaeota	Methanobacteria		
Cb C14.1	WP_026093724.1	C14 peptidase 1	Calothrix sp. PCC 7103	Bacteria	Cyanobacteria	Cyanophyceae		

Metacaspase type I

Ma C14.1	WP_002745414.1	C14 peptidase 1	Microcystis aeruginosa	Bacteria	Cyanobacteria	Cyanophyceae
LspC14.1	WP_051926071.1	C14 peptidase 1	Leptolyngbya sp. JSC-1	Bacteria	Cyanobacteria	Cyanophyceae
TbMC1	CAD24802.1	Metacaspase 1	Trypanosoma brucei	Protista	Euglenozoa	Kinetoplastea
TbMC2	AAX80349.1	Metacaspase 2	Trypanosoma brucei	Protista	Euglenozoa	Kinetoplastea
TbMC3	AAX80348.1	Metacaspase 3	Trypanosoma brucei	Protista	Euglenozoa	Kinetoplastea
TbMC4	XP_822497.1	Metacaspase 4	Trypanosoma brucei	Protista	Euglenozoa	Kinetoplastea
TbMC5	CAD55946.1	Metacaspase 5	Trypanosoma brucei	Protista	Euglenozoa	Kinetoplastea
ScMC1	EDN63533.1	YCA1	Saccharomyces cerevisiae YJM789	Fungi	Ascomycota	Saccharomycotina
AnMC1	A2RB75.2	Metacaspase 1	Aspergillus niger	Fungi	Ascomycota	Eurotiomycetes
PtMC1	fgenes1_pg.C_chr_2000533	Metacaspase 1	Phaedactylum tricorutum	Plantae	Heterokonta	Phaeophyceae (Brown algae)
PtMC3	phatr1_ua_kg.chr_8000029	Metacaspase 3	Phaedactylum tricorutum	Plantae	Heterokonta	Phaeophyceae (Brown algae)
CcMC3	Metacaspase 3	XP_005710904.1	Chondrus crispus	Plantae	Rodophyta	Florideophyceae
CcMC1	Metacaspase 1	XP_005717184.1	Chondrus crispus	Plantae	Rodophyta	Florideophyceae
PhMC1	AMB37187.1	Metacaspase 1	Pyropia haitanensis	Plantae	Rhodophyta	Bangiophyceae
CrMc1	Cre03.g184700.t1.2.p	Metacaspase 1	Chlamydomonas reinhardtii	Plantae	Chlorophyta	Chlorophyceae
CrMc2	Cre12.g517451.t1.1.p	Metacaspase 2	Chlamydomonas reinhardtii	Plantae	Chlorophyta	Chlorophyceae
VcMc1	Vocar.0006s0350.1.p	Metacaspase 1	Volvox carteri	Plantae	Chlorophyta	Chlorophyceae
VcMc2	Vocar.0015s0233.1.p	Metacaspase 2	Volvox carteri	Plantae	Chlorophyta	Chlorophyceae
PpMc2	Pp3c17_17780V3.10.p	Metacaspase 2	Physcomitrella patens	Plantae	Bryophyta	Bryopsida
PpMc5	Pp3c24_11630V3.1.p	Metacaspase 5	Physcomitrella patens	Plantae	Bryophyta	Bryopsida
SmMc1	104974	Metacaspase 1	Selaginella moellendorffii	Plantae	Lycopodiophyta	Isoetopsida
PaMC1	MA_183122g0010	Metacaspase 1	Picea abies	Plantae	Gymnosperms	Pinopsida
PaMC5	MA_10430487g0010	Metacaspase 8	Picea abies	Plantae	Gymnosperms	Pinopsida
AtMC1	NP_171719	Metacaspase 1	Arabidopsis thaliana	Plantae	Angiosperms	Magnoliopsida

AtMC2	NP_001031711.1	Metacaspase 2	<i>Arabidopsis thaliana</i>	Plantae	Angiosperms	Magnoliopsida
AtMC3	NP_851262.1	Metacaspase 3	<i>Arabidopsis thaliana</i>	Plantae	Angiosperms	Magnoliopsida
VvMC1	AGJ94048.1	Metacaspase 1	<i>Vitis vinifera</i>	Plantae	Angiosperms	Magnoliopsida
VvMC2	AGJ94049.1	Metacaspase 2	<i>Vitis vinifera</i>	Plantae	Angiosperms	Magnoliopsida
VvMC3	AGJ94050.1	Metacaspase 3	<i>Vitis vinifera</i>	Plantae	Angiosperms	Magnoliopsida
VvMC6	AGJ94053.1	Metacaspase 6	<i>Vitis vinifera</i>	Plantae	Angiosperms	Magnoliopsida
OsMC2	LOC_Os03g27120.1	Metacaspase 2	<i>Oryza sativa</i>	Plantae	Angiosperms	Liliopsida
OsMC3	LOC_Os03g27170.1	Metacaspase 3	<i>Oryza sativa</i>	Plantae	Angiosperms	Liliopsida
OsMC4	LOC_Os03g27190.1	Metacaspase 4	<i>Oryza sativa</i>	Plantae	Angiosperms	Liliopsida
OsMC5	LOC_Os03g27210.1	Metacaspase 5	<i>Oryza sativa</i>	Plantae	Angiosperms	Liliopsida
OsMC8	LOC_Os11g04010.1	Metacaspase 8	<i>Oryza sativa</i>	Plantae	Angiosperms	Liliopsida
ZmMc1	GRMZM2G022799_P01	Metacaspase 1	<i>Zea mays</i>	Plantae	Angiosperms	Liliopsida
ZmMc4	GRMZM2G120069_P01	Metacaspase 4	<i>Zea mays</i>	Plantae	Angiosperms	Liliopsida
ZmMc5	GRMZM2G120079_P01	Metacaspase 5	<i>Zea mays</i>	Plantae	Angiosperms	Liliopsida
ZmMc6	GRMZM2G125314_P01	Metacaspase 6	<i>Zea mays</i>	Plantae	Angiosperms	Liliopsida
ZmMc7	GRMZM2G132238_P01	Metacaspase 7	<i>Zea mays</i>	Plantae	Angiosperms	Liliopsida
ZmMc8	GRMZM2G155422_P01	Metacaspase 8	<i>Zea mays</i>	Plantae	Angiosperms	Liliopsida
ZmMc9	GRMZM2G320206_P01	Metacaspase 9	<i>Zea mays</i>	Plantae	Angiosperms	Liliopsida
ZmMc10	GRMZM2G337548_P01	Metacaspase 10	<i>Zea mays</i>	Plantae	Angiosperms	Liliopsida
ZmMc11	GRMZM2G382581_P01	Metacaspase 11	<i>Zea mays</i>	Plantae	Angiosperms	Liliopsida
CcMC2	XP_005713893.1	Metacaspase 2	<i>Chondrus crispus</i>	Plantae	Rodophyta	Florideophyceae
PpMc1	Pp3c1_20330V3.1.p	Metacaspase 1	<i>Physcomitrella patens</i>	Plantae	Bryophyta	Bryopsida
PpMc3	Pp3c21_16610V3.1.p	Metacaspase 3	<i>Physcomitrella patens</i>	Plantae	Bryophyta	Bryopsida

Metacaspase type II	PpMc4	Pp3c2_20840V3.1.p	Metacaspase 4	Physcomitrella patens	Plantae	Bryophyta	Bryopsida
	SmMc2	152567	Metacaspase 2	Selaginella moellendorffii	Plantae	Lycopodiophyta	Isoetopsida
	SmMc3	430194	Metacaspase 3	Selaginella moellendorffii	Plantae	Lycopodiophyta	Isoetopsida
	PaMC2	MA_10433349g0010	Metacaspase 2	Picea abies	Plantae	Gymnosperms	Pinopsida
	PaMC3	MA_10430708g0010	Metacaspase 3	Picea abies	Plantae	Gymnosperms	Pinopsida
	PaMC4	MA_939400g0010	Metacaspase 4	Picea abies	Plantae	Gymnosperms	Pinopsida
	AtMC4	NP_178052.1	Metacaspase 4	Arabidopsis thaliana	Plantae	Angiosperms	Magnoliopsida
	AtMC5	AEE36231.1	Metacaspase 5	Arabidopsis thaliana	Plantae	Angiosperms	Magnoliopsida
	AtMC6	AEE36230.1	Metacaspase 6	Arabidopsis thaliana	Plantae	Angiosperms	Magnoliopsida
	AtMC7	AEE36229.1	Metacaspase 7	Arabidopsis thaliana	Plantae	Angiosperms	Magnoliopsida
	AtMC8	NP_173092.1	Metacaspase 8	Arabidopsis thaliana	Plantae	Angiosperms	Magnoliopsida
	AtMC9	AED90710.1	Metacaspase 9	Arabidopsis thaliana	Plantae	Angiosperms	Magnoliopsida
	VvMC4	AGJ94051.1	Metacaspase 4	Vitis vinifera	Plantae	Angiosperms	Magnoliopsida
	VvMC5	AGJ94052.1	Metacaspase 5	Vitis vinifera	Plantae	Angiosperms	Magnoliopsida
	OsMC1	LOC_Os01g58580.1	Metacaspase 1	Oryza sativa	Plantae	Angiosperms	Liliopsida
	OsMC6	LOC_Os05g41660.1	Metacaspase 6	Oryza sativa	Plantae	Angiosperms	Liliopsida
	OsMC7	LOC_Os05g41670.1	Metacaspase 7	Oryza sativa	Plantae	Angiosperms	Liliopsida
ZmMc2	GRMZM2G047274_P01	Metacaspase 2	Zea mays	Plantae	Angiosperms	Liliopsida	
ZmMc3	GRMZM2G066041_P01	Metacaspase 3	Zea mays	Plantae	Angiosperms	Liliopsida	
Metacaspase type III	PtMC2	estExt_fgenes1_pg.C_c hr_160138	Metacaspase 2	Phaeodactylum tricorutum	Plantae	Heterokonta	Bacillariophyceae (Brown algae)
	PtMC4	estExt_Phatr1_ua_kg.C_ chr_160040	Metacaspase 4	Phaeodactylum tricorutum	Plantae	Heterokonta	Bacillariophyceae (Brown algae)
	PtMC5	estExt_Phatr1_ua_kg.C_ chr_160041	Metacaspase 5	Phaeodactylum tricorutum	Plantae	Heterokonta	Bacillariophyceae (Brown algae)
	EsMC1	CBN76943.1	Metacaspase 1	Ectocarpus siliculosus	Plantae	Heterokonta	Phaeophyceae (Brown algae)