



# Recombinant Arabidopsis thaliana Metacaspase-4 (AMC4)

<b>Product Code</b>	CSB-YP524032DOA
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
<b>Uniprot No.</b>	O64517
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Arabidopsis thaliana (Mouse-ear cress)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MTKKAVLIGI NYPGTKAELR GCVNDVRRMY KCLVERYGFS EENITVLIDT DESSTQPTGK NIRRALADLV ESADSGDVLV VHYSGHGTRL PAETGEDDDT GFDECIVPCD MNLITDDDFR DLVDKVPPGC RMTIISDSCH SGGLIDEAKE QIGESTKKEA EDEDESEESS SRFGFRKFLR SKVEGAIESR GFHIGGNKKD EDEAEEIETK EIELEDGETI HAKDKSLPLQ TLIDILKQQT GNDNIEVGKI RPSLFDAFGD DSSPKVKKFM KVILGKLQAG NGEEGGLMGM LGKLASGFLE GKLNDEDYVK PAMQTHVGSK EEVYAGGSRG SVPLPDSGIL ISGCQTDQTS ADATPAGKPT EAYGAMSNSI QTILEETDGE ISNREMVTRA RKALKKQGFT QQPGLYCHDG YANAPFIC
<b>Source</b>	Yeast
<b>Target Names</b>	AMC4
<b>Protein Names</b>	Recommended name: Metacaspase-4 Short name= AtMC4 EC= 3.4.22.- Alternative name(s): Metacaspase 2d Short name= AtMCP2d Metacaspase-7 Cleaved into the following 2 chains: 1. Metacaspase-4 subunit p20 2. Metacaspase-
<b>Expression Region</b>	1-418
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Reconstitution</b>	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
<b>Shelf Life</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life



of lyophilized form is 12 months at -20°C/-80°C.