



Recombinant Arabidopsis thaliana Metacaspase-1 (AMC1)

Product Code	CSB-EP770271DOA-B
Abbreviation	AMC1
Storage	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.
Uniprot No.	Q7XJE6
Product Type	Recombinant Protein
Immunogen Species	Arabidopsis thaliana (Mouse-ear cress)
Purity	>85% (SDS-PAGE)
Sequence	MYPPPPSSIIY APPMLVNCSSG CRTPLQLPSG ARSIRCALCQ AVTHIADPRT APPPQPSSAP SPPPQIHAPP GQLPHPHGRK RAVICGISYR FSRHELKGC NDAKCMRHLL INKFKFSPDS ILMLTEEETD PYRIPTKQNM RMALYWLTVQ CTAGDSLTVFH YSGHGSRQRN YNGDEVDGYD ETLCPDFET QGMIVDDEIN ATIVRPLPHG VKLHSIIDAC HSGTVLDLPLF LCRMNRAGQY VWEDHRPRSG LWKGTTAGGEA ISISGCDDDQ TSADTSALS K ITSTGAMTFC FIAIERSAQ GTTYGSLNLS MRTTIRNTGN DGGGSGGVVT TVLSMLLTGG SAIGGLRQEP QLTACQTFDV YAKPFTL
Source	E.coli
Target Names	AMC1
Protein Names	Recommended name: Metacaspase-1 Short name= AtMC1 EC= 3.4.22.- Alternative name(s): Metacaspase 1b Short name= AtMCP1b Protein LSD ONE LIKE 3
Expression Region	1-367
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
Reconstitution	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.
Shelf Life	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.