



Recombinant Arabidopsis thaliana Cysteine protease ATG4a (ATG4A)

Product Code	CSB-MP837318DOA
Abbreviation	ATG4A
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.	Q8S929
Product Type	Recombinant Protein
Immunogen Species	Arabidopsis thaliana (Mouse-ear cress)
Purity	>85% (SDS-PAGE)
Sequence	MKALCDFRFPV QQCSSSSKSD THDKSPLVSD SGPSDNKSKF TLWSNVFTSS SSVSQPYRES STSGHKQVCT TRNGWTAQVK RVSMASGAIR RFQERVLGPN RTGLPSTTSD VWLLGVCYKI SADENSGETD TGTVLAALQL DFSSKILMTY RKGFEPRDRT TYTSDVNWGC MIRSSQMLFA QALLFHRLGR AWTKKSELPE QEYLETLEPF GDSEPSAFSI HNLIAGASY GLAAGSWVGP YAICRAWESL ACKKRKQTD S KNQTLPMVAHV IVSGSEDGER GGAPILCIED ATKSCLEFSK GQSEWTPHIL LVPLVLGLDS VNPRIYPSLV ATFTFPQSVG ILGGKPGAST YIVGVQEDKG FYLDPHEVQQ VVTVNKETPD VDTSSYHCNV LRYVPLESLD PSLALGFYCR DKDDFDDFCL RALKLAEESN GAPLFTVTQT HTAINQSNYG FADDDSEDER EDDWQML
Source	Mammalian cell
Target Names	ATG4A
Protein Names	Recommended name: Cysteine protease ATG4a EC= 3.4.22.- Alternative name(s): Autophagy-related protein 4 homolog a Short name= AtAPG4a Short name= Protein autophagy 4a
Expression Region	1-467
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.



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