



Recombinant Arabidopsis thaliana Cysteine protease ATG4b (ATG4B)

Product Code	CSB-EP878671DOA-B
Abbreviation	ATG4B
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.	Q9M1Y0
Product Type	Recombinant Protein
Immunogen Species	Arabidopsis thaliana (Mouse-ear cress)
Purity	>85% (SDS-PAGE)
Sequence	MKAICDRFVP SKCSSSTSE KRDISSPTSL VSDSASSDNK SNLTLCSDDV ASSSPVSQLC REASTSGHNP VCTTHSSWTV ILKTASMASG AIRRFQDRVL GPSRTGISSS TSEIWLLGVC YKISEGESSE EADAGRVLAA FRQDFSSLIL MTYRRGFPEI GDTTYTSDVN WGCMLRSGQM LFAQALLFQR LGRSWRKKDS EPADEKYLEI LELFGDTEAS AFSIHNLILA GESYGLAAGS WVGOPYAVCRS WESLARKNKE ETDDKHKSFS MAVHIVSGSE DGERGGAPIL CIEDVTKTCL EFSEGETEWP PILLVPLVL GLDRVNPRYI PSLIATFTFP QSLGILGGKP GASTYIVGVQ EDKGFYLDPH DVQQVVTVKK ENQDVTSSY HCNTRLRYVPL ESLDPSLALG FYCQHKDDFD DFCIRATKLA GDSNGAPLFT VTQSHRRNDC GIAETSSSTE TSTEISGEEH EDDWQLL
Source	E.coli
Target Names	ATG4B
Protein Names	Recommended name: Cysteine protease ATG4b EC= 3.4.22.- Alternative name(s): Autophagy-related protein 4 homolog b Short name= AtAPG4b Short name= Protein autophagy 4b
Expression Region	1-477
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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