



Recombinant Arabidopsis thaliana Autophagy protein 5 (ATG5)

Product Code	CSB-MP880718DOA
Abbreviation	ATG5
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.	Q9FFI2
Product Type	Recombinant Protein
Immunogen Species	Arabidopsis thaliana (Mouse-ear cress)
Purity	>85% (SDS-PAGE)
Sequence	MAKEAVKYVW EGAIPLQIHL HKSDVASHPA PPPALVLAPR IGYLPLLIPL IKPYFKDSLPGEDSIWFDY KGFPLKWIYIP TGVLFDLLCA EPERPWNLTI HFRGYPCNIL IPCEGEDSVK WNFVNSLKEA QYIINGNCKN VMNMSQSDQE DLWTSVMNGD LDAYTRLSPK LKMGTVDEF SRKTSLSPPQ SQQVVPETEV AGQVKARIP VRLYVRSLNK DFENLEDVPE IDTWDDISYL NRPVEFLKEE GKCFTLRDAI KLLPEFMGD RAQTSGEERS IDTTEEADGS REMGEIKLVR IQGIEMKLEI PFSWVNNLM NPEFYLHISV LVKAPQR
Source	Mammalian cell
Target Names	ATG5
Protein Names	Recommended name: Autophagy protein 5 Alternative name(s): Protein autophagy 5 Short name= AtAPG5
Expression Region	1-337
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.