



Recombinant *Aspergillus oryzae* Autophagy protein 5 (atg5)

Product Code	CSB-YP648816DPA
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.	Q2UBM1
Product Type	Recombinant Protein
Immunogen Species	<i>Aspergillus oryzae</i> (strain ATCC 42149 / RIB 40) (Yellow koji mold)
Purity	>85% (SDS-PAGE)
Sequence	METQATLNSI QKAVWDGRLP LQIRLAPSES RIYDQTDPYL ISYPRISYLP SLLPRLRAFF ASSLIDPSSN AHDGWFSFEG VPLKWHLPVIG LLYDLYAGAD PASKGTAESE DAGWDIDDQD NPLPWRLVVH FSDWPDEELV RLDAEGMVMN DAFINSVKEA DFLRNGTAKG IMSLSKEDSS GLWKSVQNVE LSSFQRISNI LLPPLNQPF R NIPRIFLPL PPDSGSPSLK IVQSPVPLI PPSSVAASQL ALSRSSITPQ TQTIGSALHS LLPNLFPSRR TPVLAKPVLH GAAVPMSAPV EELVRSSAYG DGWLYVVIRM MG
Source	Yeast
Target Names	atg5
Protein Names	Recommended name: Autophagy protein 5
Expression Region	1-322
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.