



Recombinant *Sclerotinia sclerotiorum* Autophagy protein 5 (atg5)

Product Code	CSB-YP002293STG
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	A7EJG6
Product Type	Recombinant Protein
Immunogen Species	<i>Sclerotinia sclerotiorum</i> (strain ATCC 18683 / 1980 / Ss-1) (White mold) (<i>Whetzelinia sclerotiorum</i>)
Purity	>85% (SDS-PAGE)
Sequence	MQSLIWASAI PLYITHSSST IPYLINVPRV SYLALLFPRL TSFFGENVSS FSYEGILLKN LPVGLLCDLY QPELPWRIEL GDGPLFDIHD TFINSVKEAD FMRNGNAKGI MSMSKEHSTQ LWNSVQDNDF STYHKISTIL LNPATALKHI PLRIYLPSSS TPSSTPHPGS SGSSKAPSTA SPPSPLFTFK TIQTLIQPQT TSREPQTLGG ALNSVLPTLF PSKRDAILAE VILHGATVPF KAVLEDLMRE ASYADGWLVN CVVMLN
Source	Yeast
Target Names	atg5
Protein Names	Recommended name: Autophagy protein 5
Expression Region	1-266
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.