



Recombinant *Vanderwaltozyma polyspora* Autophagy protein 5 (ATG5)

Product Code	CSB-EP002293VDW
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	A7TS83
Product Type	Recombinant Protein
Immunogen Species	<i>Vanderwaltozyma polyspora</i> (strain ATCC 22028 / DSM 70294) (<i>Kluyveromyces polysporus</i>)
Purity	>85% (SDS-PAGE)
Sequence	MDELRLKLVWD GKINVQIAVN PQLLVKGINE KDVTVNLRIIP RNAYLMNYID EILNDLRKFL ITDINFEELD GMFWFAYEGI PLYWNYPFGA LYDSMVGIDP SIRYDQMKQC NSMMNIWKLQ LNYSKEYPSG MIPIVDRVNQ IQKYWMHQWK QACFVLNGTS KQVMSLSLVH SQQFWKSILM RDYITFYKIA LKIIPSKPRH IPLMIHLTFP EIQUIQPICK FEDDSGNPQT LKDMLMTELP DIFSVDETPI AKVVSHGIEI PFDMPPLFALY ERFSLSCDAFL HLSICMVTDD EMKRNV
Source	<i>E.coli</i>
Target Names	ATG5
Protein Names	Recommended name: Autophagy protein 5
Expression Region	1-297
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.