



Recombinant *Lodderomyces elongisporus* Autophagy protein 5 (ATG5)

Product Code	CSB-YP002293LLV
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	A5DWA7
Product Type	Recombinant Protein
Immunogen Species	<i>Lodderomyces elongisporus</i> (strain ATCC 11503 / CBS 2605 / JCM 1781 / NBRC 1676 / NRRL YB-4239) (Yeast) (<i>Saccharomyces elongisporus</i>)
Purity	>85% (SDS-PAGE)
Sequence	MSKLTSEEN IEIKRRLWNG SISLKIISI VGESSEGDIT NEYEYLTEGY RNAYLPTLYP NIVSYIKLP TVAFSNNSPI WLEYEGVPLR WNLPIGVLYD HLYLPAKFTN QSTPWTLDLK IASSTLPYPS NYIVPFTYSA EDGSVNYTKS INEMLLNQLK QSCYVLNGTA KPIMQLNGPE TELLCNLVIT RNLKTYNFFN NKIIKQIRGI PVRIYLPNTQ LVAQAAVDPH ILLQDLLLER IPTLMESVSP IIHGIDAGPL LKFQLNDIWH QFKHPDNVLY ISILMP
Source	Yeast
Target Names	ATG5
Protein Names	Recommended name: Autophagy protein 5
Expression Region	1-286
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.