



Recombinant *Saccharomyces cerevisiae* Autophagy-related protein 18 (ATG18)

Product Code	CSB-EP337460SVG-B
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.	P43601
Product Type	Recombinant Protein
Immunogen Species	<i>Saccharomyces cerevisiae</i> (strain ATCC 204508 / S288c) (Baker's yeast)
Purity	>85% (SDS-PAGE)
Sequence	MSDSSPTINF INFNQTGTCTI SLGTSKGFKI FNCEPFGKIFY SEDSGGYAIV EMLFSTSLLA LVGIGDQPAL SPRRLRIINT KKHSIICEVT FPTSILSVKM NKSRLVLLQ EQIYIDINT MRL LH TIETN PNPRGLMAMS PSVANSYLVY PSPPKVINSE IKAHATTNNI TLSVGGNTET SFKRDQQDAG HSDISDLQY SSFTKRDDAD PTSSNGGNSS IKNGDVIVF NLET LQPTMV IEAHKGEIAA MAISFDG TLM ATASDKGTII RVFDIETGDK IYQFRRGTYA TRIYSIFSE DSQYLAVTGS SKTVHIFKLG HSMSNNKLDS DDSNMEEAAA DDSSLDTTSI DAL SDEENPT RLAREPYVDA SRKTMGRMIR YSSQKLSRRA ARTLGQIFPI KV TSLLESSR HFASLKL PVE TNSHVMTISS IGSPIDIDTS EYPELFETGN SASTESYHEP VMKMVPIRVV SSDGYLYNFV MDPERGGDCL ILSQYSILMD
Source	E.coli
Target Names	ATG18
Protein Names	Recommended name: Autophagy-related protein 18 Alternative name(s): Cytoplasm to vacuole targeting protein 18 Needed for premeiotic replication protein 1 Swollen vacuole phenotype protein 1
Expression Region	1-500
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.