



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

<b>Product Code</b>	CSB-MP337460SVG
<b>Storage</b>	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.
<b>Uniprot No.</b>	P43601
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	<i>Saccharomyces cerevisiae</i> (strain ATCC 204508 / S288c) (Baker's yeast)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MSDSSPTINF INFNQTGTCTI SLGTSKGFKI FNCEPFGKIFY SEDSGGYAIV EMLFSTSLLA LVGIGDQPAL SPRRLRIINT KKHSIICEVT FPTSILSVKM NKSRLVLLQ EQIYIDINT MRL LH TIETN PNP RGLMAMS PSVANSYLVY PSPPKVINSE IKAHATTNNI T LSVGGNTET SFKR DQQDAG HSDISDL DQY SSFTKRDDAD PTSSNGGNSS I I KNGDVIVF 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
<b>Source</b>	Mammalian cell
<b>Target Names</b>	ATG18
<b>Protein Names</b>	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
<b>Expression Region</b>	1-500
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Reconstitution</b>	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.
<b>Shelf Life</b>	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.