



Recombinant *Saccharomyces cerevisiae* Cysteine protease ATG4 (ATG4)

Product Code	CSB-EP345712SVG-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.	P53867
Product Type	Recombinant Protein
Immunogen Species	<i>Saccharomyces cerevisiae</i> (strain ATCC 204508 / S288c) (Baker's yeast)
Purity	>85% (SDS-PAGE)
Sequence	MQRWLQLWKM DLVQKVSHGV FEGSSEEPAA LMNHDIYVLG EVYPERDEES GAEQCEQDCR YRGEAVSDGF LSSLFGREIS SYTKEFLLDV QSRVNFTYRT RFVPIARAPD GPSPLSLNLL VRTNPISTIE DYIANPDCFN TDIGWGCMIR TGQSLGNAL QILHLGRDFR VNGNESLERE SKFVNWFNDT PEAPFSLHNF VSAGTELSDK RPEGWFGPAA TARSIQSLIY GFPECGIDDC IVSVSSGDIY ENEVEKVFAE NPNSRILFLL GVKLGINAVN ESYRESICGI LSSTQSVGIA GGRPSSSLYF FGYQGNEFLH FDPHIPQPAV EDSFVESCHT SKFGKLQLSE MDPSMLIGIL IKGEKDWQQW KLEVAESAI NVLAKRMDDF DVSCSMDDVE SVSSNSMKKD ASNENLGVLE EGDYVDIGAI FPHTTNTEDV DEYDCFQDIH CKKQKIVVMG NTHTVNANLT DYEVEGVLVE KETVGIHSP DEKC
Source	E.coli
Target Names	ATG4
Protein Names	Recommended name: Cysteine protease ATG4 EC= 3.4.22.- Alternative name(s): Autophagy-related protein 4
Expression Region	1-494
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.