



Recombinant *Xenopus laevis* Cysteine protease ATG4B (atg4b)

Product Code	CSB-MP720642XBE
Abbreviation	atg4b
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.	Q640G7
Product Type	Recombinant Protein
Immunogen Species	<i>Xenopus laevis</i> (African clawed frog)
Purity	>85% (SDS-PAGE)
Sequence	MDAATLTYDT LRFADTPDFP ETAEPVWVLG RKYSALTEKE QLLNDITSRL WFTYRRNFQA IGGTGPTSDT GWGCMLRCGQ MIFAQALICR HVGRDWRWDK QKPKGEYLN LTAFLDKKDS YYSIHQIAQM GVGEKGYIGQ WYGPNTVAQV LRKLAVFDQW SSIAVHIAMD NTVVVDEIRR LCRAGSGESS DAGALSNGYT GSDPSCAQW KPLVLLIPLR LGLSEINEAY IETLKHCFMV PQSLGVIGGR PNSAHYFIGY VGDELIYLDP HTTQLSVEPS DCSFIEDES HCQHPPCRMH VSEIDPSIAV GFFCSSQEDF EDWCQHKKL SLSGGALPMF EVVDQLPLHL SNPDLNLTP DSSDADRLDR FFDSEDEEFE ILSL
Source	Mammalian cell
Target Names	atg4b
Protein Names	Recommended name: Cysteine protease ATG4B EC= 3.4.22.- Alternative name(s): Autophagy-related protein 4 homolog B
Expression Region	1-384
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.