



Recombinant *Xenopus laevis* Cysteine protease ATG4C (atg4c)

Product Code	CSB-EP723038XBE-B
Abbreviation	atg4c
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.	Q5XH30
Product Type	Recombinant Protein
Immunogen Species	<i>Xenopus laevis</i> (African clawed frog)
Purity	>85% (SDS-PAGE)
Sequence	MEASGTTDDVE KLKSKFLSAW HNMKYSWVLK TKTYFKRNSP VLLGKCYHF KYEDSGVTAD DCSNSGSDSK EDLSGNVDEF RKDFISRIWL TYRKEFPQIE SSSWTTDCGW GCTLRGQML LAQGLLVHFL GRDWTWTEAL DIFCSEDFW TANTARKLDP SLEKSSPENE EYVSLGKQPL QNSEKKRYSE DLHRKIISWF ADYPLAYFGL HQLVKLGKNS GKVAGDWYGP AVVSHLLRKA IESSDPELQ GITIYVAQDC TIYNADVYDL QCNKGNEKAV VILVPVRLGG ERTNMEYFEY VKGILSLEFC IGIIGGKPKQ SYYFVGFQDD SLIYMDPHYC QSFVDVSIKN FPLESFHCPS PKKMSFKKMD PSCTVGFYCR NAREFEKAAE ELTKVLKSST KQNYPLFTFV NGHQAQDFDFV CTPVYDQNDL FTEDEKKRLK RFSTEEFVLL
Source	<i>E. coli</i>
Target Names	atg4c
Protein Names	Recommended name: Cysteine protease ATG4C EC= 3.4.22.- Alternative name(s): Autophagy-related protein 4 homolog C
Expression Region	1-450
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.