



# Recombinant *Xenopus laevis* Cysteine protease ATG4C (atg4c)

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