



Recombinant *Xenopus tropicalis* Cysteine protease ATG4C (atg4c)

Product Code	CSB-MP715017XBF
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.	Q68EP9
Product Type	Recombinant Protein
Immunogen Species	<i>Xenopus tropicalis</i> (Western clawed frog) (<i>Silurana tropicalis</i>)
Purity	≥85% (SDS-PAGE)
Sequence	MEASGTDDVE KLKSKFLSAW HNMKYSWVLK TKTYFKRNSP VLLGKCYHF KYEDSSVTSD GGSNSGSESK EDLSGNVDEF RKDFISRIWL TYREEFPQIE TSSWTTDCGW GCTLRGTQML LAQGLIVHFL GRDWTWTEAL DIFSSESEFW TANTARKLTP SLETSFSENN ECVSSNKQPL HNC DKKSNSE DFHQKIISWF ADYPLAYFGL HQLVKLGKNS GKVAGDWYGP AVVSHLLRKA IEESDPELQ GITIYVAQDC TIYSADVYDL QCNKGTEKAV VILVPVRLGG ERTNMEYFEF VKGILSLEFC IGIIGGPKQ SYYFVGFQDD SLIYMDPHYC QSFVDVSVKN FPLESFHCPS PKKMSFKMD PSCTIGFYCR NAREFEKAAE ELTKVLKSST KQNYPLFTFV NGH AQDFDFV CTPVYDQNDL FTEDEKKRLK RFSTEEFVLL
Source	Mammalian cell
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.