



Recombinant *Kluyveromyces lactis* Autophagy protein 5 (ATG5)

Product Code	CSB-EP735097KBK
Abbreviation	ATG5
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.	Q6CKE2
Product Type	Recombinant Protein
Immunogen Species	<i>Kluyveromyces lactis</i> (strain ATCC 8585 / CBS 2359 / DSM 70799 / NBRC 1267 / NRRL Y-1140 / WM37) (Yeast) (<i>Candida sphaerica</i>)
Purity	>85% (SDS-PAGE)
Sequence	MEELRERVWH GSLNVEIMLS DSIVVPNTPL SEKCYHIVVL RESFLALYLP AIVRKLGNV IVTYENPYKQ WWFEYDGVVPV PWEYPCGVLF DFCLNSSTTS TGKEDDQRLQ MWKCLKLCHGN KYPPGILPLV DGLRQVKDHW KHQWKQACFI LNGSAKRIMS LSIPDFEAFW QSLISRHQPD YIKVREKLLT PNKTKHIPR VWTADASFLQ PSIPANSDTM TLFVMTSMD IKLQENNRAI IQGIVICSDE DIINLYDLFA SIDGFLYVVI K
Source	<i>E.coli</i>
Target Names	ATG5
Protein Names	Recommended name: Autophagy protein 5
Expression Region	1-271
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.