



Recombinant *Neosartorya fumigata* Autophagy protein 5 (atg5)

Product Code	CSB-EP687235NGS-B
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.	Q4WNA5
Product Type	Recombinant Protein
Immunogen Species	<i>Neosartorya fumigata</i> (strain ATCC MYA-4609 / Af293 / CBS 101355 / FGSC A1100) (<i>Aspergillus fumigatus</i>)
Purity	>85% (SDS-PAGE)
Sequence	MRTSSMMENQ VSLSSIQRAV WDGKLPLQIT LASSESRTYD QTDPYLIACP RISYLPSELLP RLRAFFSPSL IEPNSQPHEG WFSFEGVPLK WHLPVGLLYD LYAGADPASK GTRVDETDHP TSSLNDTLPW RLTVHFSDWP DEELVRLDAD GMVMHDAFIN SVKEADFLRN GTAKGIMTSL KEDSAGLWQA VQDVDLLSFQ RISNILLPPP NQPFRNVPIR FFLPLSPDSG SPSLKVQVQSP LPPNIPATTN TSQSTNLRHS PATQVQTLGS ALHSLLPNLF PSRRTPVLAK PVLHGAAVPM SAPIEELVRS CAYGDGWVYI VIRMMG
Source	E.coli
Target Names	atg5
Protein Names	Recommended name: Autophagy protein 5
Expression Region	1-326
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.