



Recombinant *Magnaporthe oryzae* Autophagy protein 5 (ATG5)

Product Code	CSB-EP687438MPM-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.	Q525E4
Product Type	Recombinant Protein
Immunogen Species	<i>Magnaporthe oryzae</i> (strain 70-15 / ATCC MYA-4617 / FGSC 8958) (Rice blast fungus) (<i>Pyricularia oryzae</i>)
Purity	>85% (SDS-PAGE)
Sequence	MASPRRSEAD LASPARGPGS GPPSPHPGP DSARPLSRIT SAAASPPPPG QRTAEPPTTI SIPRTLWRLS IPLYITHPSL PNTPFITSLP RVSYLSLLLP RIRAFPPSI PAPTsfHHEG IALRALPLGL LVDLYQPTLP WRLTVDQGDD WHVGDFTLNG VKEADFVRNG HAKQIMGMSK ADTTALWNAV RDADYPAWAR INARLLNPST PIKHVPLRIY IPSSGGGGAG GATPAGSFRV MQTLVPPRTA NRIPQTLGPT LRDLLPVLFP SSRDPVLANV VLHGAPVPFS APLEGLMREA AYPDGWLCLT VVPL
Source	E.coli
Target Names	ATG5
Protein Names	Recommended name: Autophagy protein 5
Expression Region	1-314
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.