



Recombinant *Penicillium chrysogenum* Autophagy protein 5 (atg5)

Product Code	CSB-MP002293ETH
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	A7KAL6
Product Type	Recombinant Protein
Immunogen Species	<i>Penicillium rubens</i> (strain ATCC 28089 / DSM 1075 / NRRL 1951 / Wisconsin 54-1255) (<i>Penicillium chrysogenum</i>)
Purity	>85% (SDS-PAGE)
Sequence	MENRVSLGSI QKAVWDGRLP LEIVLASSES RTFDKTDPYL ISYPRISYLP SLLPKLRAFF SNFLIDPNSQ SHDGFWEFEG VPLKWHYPVG LLFDLYAGVD PASKTAARDN ESPGDGSSLP WRLIVHFSDW PPDLVRLDAY GMVMNDAFIN SVKEADFLRN GTAKGIMSLS KEDSSGLWNA VQEVDLLSFQ RISNILLPQP SQPFRNVPIR VFLPLLPAE SSSLKVVQTP LPPSIPASSM QSSQILTSRS GSTLQPQTVG TVLHTLLPNL FPSR RTPVLA KPVLHGAVIP MSAPIEEVVR SSAYGDGWAY IVVRMMG
Source	Mammalian cell
Target Names	atg5
Protein Names	Recommended name: Autophagy protein 5
Expression Region	1-317
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.