



Recombinant *Cryptococcus neoformans* var. *neoformans* serotype D Ubiquitin-like protein ATG12 (ATG12)

Product Code	CSB-EP002283CTL
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P0CM28
Product Type	Recombinant Protein
Immunogen Species	<i>Cryptococcus neoformans</i> var. <i>neoformans</i> serotype D (strain JEC21 / ATCC MYA-565) (<i>Filobasidiella neoformans</i>)
Purity	>85% (SDS-PAGE)
Sequence	MATTPPLDR LSPAQAQPAV VVRFKLSIGSA PIMKNNVFKA TAGHKFQAVI MFLRQQLGMK KEDSLFTYIN AAFAPAPDDT VGSLYKSFSGT EGH LIVNYSN TQAWG
Source	E.coli
Target Names	ATG12
Protein Names	Recommended name: Ubiquitin-like protein ATG12 Alternative name(s): Autophagy-related protein 12
Expression Region	1-105
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.