



Recombinant *Oryza sativa* subsp. *japonica* Cysteine protease ATG4B (ATG4B)

| | |
|--------------------------|--|
| Product Code | CSB-EP767123OFG |
| Abbreviation | ATG4B |
| 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. | Q7XPW8 |
| Product Type | Recombinant Protein |
| Immunogen Species | <i>Oryza sativa</i> subsp. <i>japonica</i> (Rice) |
| Purity | ≥85% (SDS-PAGE) |
| Sequence | MTSLPDRGVS SSSSDPLCEG NIAPCSSSSE QKEDCSLKQS KTSILSCVFN SPFNIFEAHQ DSSANKSPKS SSGSYDWSRV LRRIVCSGSM WRFLGTSKVL TSSDVWFLGK CYKLSSEESS SDSSESGHA TFLEDFSSRI WITYRRGFDA ISDSKYTSDV NWGCMVRSSQ MLVAQALIFH HLGRSWRRPL EKPYNPEYIG ILHMFGDSEA CAFSIHLLQ AGNSYGLAAG SWVGPYAMCR AWQTLVRTNR EQHEVVDGNE SFPMALYVVS GDEDGERGGA PVVCIDVAAQ LCCDFNKGQS TWSPILLVLP LVLGLDKINP RYIPLLKETF TFPQSLGILG GKPGTSTYIA GVQDDRALYL DPHEVQMAVD IAADNIEADT SSYHCSTVRD LALDLIDPSL AIGFYCRDKD DFDDFCSRAT ELVDKANGAP LFTVVQSVQP SKQMYNQDDV LGISGDGNIN VEDLDASGET GEEEWQIL |
| Source | E.coli |
| Target Names | ATG4B |
| Protein Names | Recommended name: Cysteine protease ATG4B EC= 3.4.22.- Alternative name(s): Autophagy-related protein 4 homolog B |
| Expression Region | 1-478 |
| 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.