



Recombinant Arabidopsis thaliana Cysteine protease ATG4a (ATG4A)

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|--------------------------|---|
| Product Code | CSB-EP837318DOA |
| Abbreviation | ATG4A |
| 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. | Q8S929 |
| Product Type | Recombinant Protein |
| Immunogen Species | Arabidopsis thaliana (Mouse-ear cress) |
| Purity | >85% (SDS-PAGE) |
| Sequence | MKALCDFRFPV QQCSSSSKSD THDKSPLVSD SGPSDNKSKF TLWSNVFTSS SSVSQPYRES STSGHKQVCT TRNGWTAQVK RVSMASGAIR RFQERVLGPN RTGLPSTTSD VWLLGVCYKI SADENSGETD TGTVLAALQL DFSSKILMTY RKGFEPRDRT TYTSDVNWGC MIRSSQMLFA QALLFHRLGR AWTKKSELPE QEYLETLEPF GDSEPSAFSI HNLIAGASY GLAAGSWVGP YAICRAWESL ACKKRKQTDS KNQTLPMVAHV IVSGSEDGER GGAPILCIED ATKSCLEFSK GQSEWTPHIL LVPLVLGLDS VNPRIYPSLV ATFTFPQSVG ILGGKPGAST YIVGVQEDKG FYLDPHEVQQ VVTVNKETPD VDTSSYHCNV LRYVPLESLD PSLALGFYCR DKDDFDDFCL RALKLAEESN GAPLFTVTQT HTAINQSNYG FADDDSEDER EDDWQML |
| Source | E.coli |
| Target Names | ATG4A |
| Protein Names | Recommended name: Cysteine protease ATG4a EC= 3.4.22.- Alternative name(s): Autophagy-related protein 4 homolog a Short name= AtAPG4a Short name= Protein autophagy 4a |
| Expression Region | 1-467 |
| 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. |



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