



Recombinant Danio rerio Mitogen-activated protein kinase 12 (mapk12)

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| Product Code | CSB-EP013451DIL-B |
| Storage | Store at -20°C, for extended storage, conserve at -20°C or -80°C. |
| Uniprot No. | O42376 |
| Product Type | Recombinant Protein |
| Immunogen Species | Danio rerio (Zebrafish) (Brachydanio rerio) |
| Purity | >85% (SDS-PAGE) |
| Sequence | MTARSRPGYF RQEINKTIWE VPDYKDLKQ VGTGAYGTVC YALDRRTGAK VAIKKLHRPF QSDLFAKRAY RELRLLKHKM HDNVIGLVDV FTADLSLDRF HDFYLVMPFM GTDLGKLMKM ERLSEERVQY LVYQMLKGLK YIHAAGIIHR DLKPGNLAIN EECLEKILDF GLARQTDSEM TGYVVTRWYR APEVILSWMH YTQTVDIWSV GCIMAEMLLG KPLFKGHDHL DQLMEIMKVT GTPSKEFTAK LQSEDARNYV TKLPRFRKKD LRILLPNVNP QAIKVLGML LLDPESRITA AEALAFPPFS EFREPEEETE APPYDHSLE ADQSLEQWKR LTFTEILTFQ PAPAVAESKE TAL |
| Source | E.coli |
| Target Names | mapk12 |
| Protein Names | Recommended name: Mitogen-activated protein kinase 12 Short name= MAP kinase 12 Short name= MAPK 12 EC= 2.7.11.24 Alternative name(s): Stress-activated protein kinase 3 |
| Expression Region | 1-363 |
| 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. |