



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

Product Code	CSB-EP013451DIL
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 EECELKILDF 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.