



Recombinant Human Mitogen-activated protein kinase kinase kinase 2 (MAP3K2)

| | |
|--------------------------|--|
| Product Code | CSB-EP013424HU |
| Abbreviation | MAP3K2 |
| 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. | Q9Y2U5 |
| Product Type | Recombinant Protein |
| Immunogen Species | Homo sapiens (Human) |
| Purity | >85% (SDS-PAGE) |
| Sequence | MDDQQALNSI MQDLAVLHKA SRPALS LQET RKAKSSSPKK QNDVRVKFEH RGEKRILQFP RPKLEDLRS KAKIAFGQSM DLHYTNNELV IPLTTQDDLD KAVELLDRSI HMKSLKILLV INGSTQATNL EPLPSLEDLD NTVFGAERKK RLSIIGPTSR DRSSPPPGYI PDELHQVARN GSFTSINSEG EFIPESMDQM LDPLSLSSPE NSGSGSCPSL DSPLDGESYP KSRMPRAQSY PDNHQEFSDY DNPIFEKFGK GGTYPRRYHV SYHHQEYNDG RKTFFPRARRT QGTSLRSPVS FSPTDHSLST SSGSSIFTPE YDDSRIRRRG SDIDNPTLTV MDISPPSRSP RAPTNWRLGK LLGQGAFGRV YLCYDVDTGR ELAVKQVQFD PDSPETSKEV NALECEIQLL KNLLHERIVQ YYGCLRDPQE KTLSIFMEYM PGGSIKDQLK AYGALTENV T RKYTRQILEG VHYLHNSMIV HRDIKGANIL RDSTGNVKLG DFGASKRLQT ICLSGTGMKS VTGTPYWMSPEVISGEGYGR KADIWSVACT VVEMLTEKPP WAEFEAMAAI FKIA TQPTNP KLPPHVSDYT RDFLKRIFVE AKLRPSADEL LRHMFVHYH |
| Source | E.coli |
| Target Names | MAP3K2 |
| Protein Names | Recommended name: Mitogen-activated protein kinase kinase kinase 2 EC=2.7.11.25 Alternative name(s): MAPK/ERK kinase kinase 2 Short name= MEK kinase 2 Short name= MEKK 2 |
| Expression Region | 1-619 |
| 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 |
| Target Details | This protein is a member of serine/threonine protein kinase family. This kinase preferentially activates other kinases involved in the MAP kinase signaling pathway. This kinase has been shown to directly phosphorylate and activate I kappa B kinases, and thus plays a role in NF-kappa B signaling pathway. This |



kinase has also been found to bind and activate protein kinase C-related kinase 2, which suggests its involvement in a regulated signaling process.

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.