



# Recombinant Mouse Mitogen-activated protein kinase kinase kinase 2 (Map3k2)

<b>Product Code</b>	CSB-YP013424MO
<b>Abbreviation</b>	Map3k2
<b>Storage</b>	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.
<b>Uniprot No.</b>	Q61083
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Mus musculus (Mouse)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MDDQQALNSI MQDLAVLHKA SRPALS LQET RKAKPSSPKK QNDVRVKFEH RGEKRILQVT RPKLEDLRS KSKIAFGQSM DLHYTNNELV IPLTTQDDLD KAVELLDRSI HMKSLKILLV VNGSTQATNL EPSPSPEDLN NTPLGAERKK RLSVVGPPNR DRSSPPPGYI PDILHQIARN GSFTSINSEG EFIPESMDQM LDPLSLSSPE NSGSGSCPSL DSPLDGESYP KSRMPRAQSY PDNHQEFTDY DNPIFEKFGK GGTYPRRYHV SYHHQEYNDG RKTFFPRARRT QGTSFRSPVS FSPTDHSLST SSGSSVFTPE YDDSRIRRRG SDIDNPTLTV TDISPPSRSP RAPTNWRLGK LLGQGA FGRV YLCYDVDTGR ELAVKQVQFN PESPETSKEV NALECEIQLL KNLLHERIVQ YYGCLRDPQE KTLSIFMELS PGGSIKDQLK AYGALTENV T RKYTRQILEG VHYLHNSMIV HRDIKGANIL RDSTGNIKLG DFGASKRLQT ICLSGTGMKS VTGTPYWMSP EVISGEGYGR KADIWSVACT VVEMLTEKPP WAEFEAMAAI FK IATQPTNP KLPPHVSDYT RDFLKRIFVE AKLRPSAEEL LRHMFVHYH
<b>Source</b>	Yeast
<b>Target Names</b>	Map3k2
<b>Protein Names</b>	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
<b>Expression Region</b>	1-619
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Target Details</b>	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.