



# Recombinant Mouse Dual specificity mitogen-activated protein kinase kinase 1 (Map2k1)

<b>Product Code</b>	CSB-EP013409MO-B
<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>	P31938
<b>Storage Buffer</b>	Lyophilized from Tris/PBS-based buffer, 6% Trehalose, pH 8.0
<b>Product Type</b>	Recombinant Proteins
<b>Immunogen Species</b>	Mus musculus (Mouse)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	MPKKKPTPIQ LNPAPDGS AV NGTSSAETNL EALQKKLEEL ELDEQQRKRL EAFLTQKQKV GELKDDDFEK ISELGAGNGG VVFKVSHKPS GLVMARKLIH LEIKPAIRNQ IIRELQVLHE CNSPYIVGFY GAFYSDGEIS ICMEHMDGGS LDQVLKKAGR IPEQILGKVS IAVIKGLTYL REKHKIMHRD VKPSNILVNS RGEIKLCDFG VSGQLIDSMA NSFVGT RSYM SPERLQGTHY SVQSDIWSMG LSLVEMAVGR YPIPPDAKE LELLFGCHVE GDAAETPPRP RTPGRPLSSY GMDSRPPMAI FELLDYIVNE PPPKLP SGVF SLEFQDFVNK CLIKNPAERA DLKQLMVHAF IKRSDAEEVD FAGWLCSTIG LNQPSTPTHA ASI
<b>Source</b>	E.coli
<b>Target Names</b>	Map2k1
<b>Protein Names</b>	Recommended name: Dual specificity mitogen-activated protein kinase kinase 1 Short name= MAP kinase kinase 1 Short name= MAPKK 1 EC= 2.7.12.2Alternative name(s): ERK activator kinase 1 MAPK/ERK kinase 1 Short name=
<b>Expression Region</b>	1-393
<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
<b>Reconstitution</b>	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.
<b>Shelf Life</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.