



Recombinant Mouse Dual specificity mitogen-activated protein kinase kinase 7 (Map2k7)

Product Code	CSB-EP807005MO-B
Abbreviation	Map2k7
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.	Q8CE90
Product Type	Recombinant Protein
Immunogen Species	Mus musculus (Mouse)
Purity	>85% (SDS-PAGE)
Sequence	AASSLEQKL SRLEAKLKQE NREARRRIDL NLDISPQRPR PIIVITLSPA PAPSQRAALQ LPLANDGGSR SPSESSPQH PTPPTRPRHM LGLPSTLFTP RSMESIEIDQ KLQEIMKQTG YLTIGGQRYQ AEINDLENLG EMGSGTCGQV WKMRFRKTGH IIAVKQMRRS GNKEENKRIL MDLDVVLKSH DCPYIVQCFG TFITNTDVF IAMELMGTCAE KLKCRMGP IPERILGKMTV AIVKALYYLK EKHGVHRDV KPSNILLDER GQIKLCDFGI SGRLVDSKAK TRSAGCAAYM APERIDPPDP TKPDYDIRAD VWSLGLSVE LATGQFPYKN CKTDFEVLTK VLQEEPPLL P GHMGFSGDFQ SFVKDCLTKD HRKRPKYNKL LEHSFIKHYE ILEVDVASWF KDVMAKTESP RTSGVLSQHH LPFFSTSVTW GAWPLAAQTP FQSGVIRCRG RVPSRRATG GSGGQPCVCA GPGGPSFTEM GPSPSPMLSN TFFTPDPGAC PGASTWGLPR RRLCQLLTTS TPGCC
Source	E.coli
Target Names	Map2k7
Protein Names	Recommended name: Dual specificity mitogen-activated protein kinase kinase 7 Short name= MAP kinase kinase 7 Short name= MAPKK 7 EC= 2.7.12.2 Alternative name(s): JNK-activating kinase 2 MAPK/ERK kinase 7 Short name=
Expression Region	2-535
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 of Mature Protein
Target Details	This protein is a dual specificity protein kinase that belongs to the MAP kinase kinase family. This kinase specifically activates MAPK8/JNK1 and MAPK9/JNK2, and this kinase itself is phosphorylated and activated by MAP kinase kinase kinases including MAP3K1/MEKK1, MAP3K2/MEKK2, MAP3K3/MEKK5, and MAP4K2/GCK. This kinase is involved in the signal transduction mediating the cell responses to proinflammatory



cytokines, and environmental stresses. Multiple alternatively spliced transcript variants encoding distinct isoforms have been found, but only one transcript variant has been supported and defined.

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

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