



# Recombinant Mouse Mitogen-activated protein kinase 6 (Mapk6)

<b>Product Code</b>	CSB-EP013458MO-B
<b>Abbreviation</b>	Mapk6
<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>	Q61532
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Mus musculus (Mouse)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MAEKFESLMN IHGFDLGSRY MDLKPLGCGG NGLVFSAVDN DCDKRVAIKK IVLTDPQSVK HALREIKIIR RLDHDNIVKV FEILGPSGSQ LTDDVGSLTE LNSVYIVQEY METDLANVLE QGPLLEEHR LFMYQLLRGL KYIHSANVLH RDLKPANLFI NTEDLVLKIG DFGLARIMDP HYSHKGLHSE GLVTKWYRSP RLLLSPNNYT KAIDMWAAGC IFAEMLTGKT LFAGAHELEQ MQLILDSIPV VHEEDRQELL SVIPVYIRND MTEPHRPLTQ LLPGISREAL DFLEQILTFS PMDRLTAAEA LSHPYMSIYS FPTDEPISSH PFHIEDEVDD ILLMDETHSH IYNWERYHDC QFSEHDWPIH NNFIDIDEVQL DPRALSDVTD EEEVQVDPK YLDGDREKYL EDPAFDTSYS AEPCWQYPDH HENKYCDLEC SHTCNKTRTS SPYLDNLVWR ESEVNHYYEP KLIIDLSNWK EQSKEKSDKR GSKSKCERNGL VKAQIALEEA SQQLAERERG QGFDFDSFIA GTIQLSAQHQ SADVVDKLND LNSSVSQLEL KSLISKSVSR EKQEKGRANL AQLGALYQSS WDSQFVSGGE ECFLISQFCC EVRKDEHAEK ENTYTSYLDK FFSRKEDSEM LETEPVEEGK RGERGREAGL LSGGGEFLLS KQLESIGTPQ FHSPVGSPLK SIQATLTPSA MKSSPQIPHK TYSSILKHLN
<b>Source</b>	E.coli
<b>Target Names</b>	Mapk6
<b>Protein Names</b>	Recommended name: Mitogen-activated protein kinase 6 Short name= MAP kinase 6 Short name= MAPK 6 EC= 2.7.11.24 Alternative name(s): Extracellular signal-regulated kinase 3 Short name= ERK-3
<b>Expression Region</b>	1-720
<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 the Ser/Thr protein kinase family, and is most closely related to mitogen-activated protein kinases (MAP kinases). MAP



kinases also known as extracellular signal-regulated kinases (ERKs), are activated through protein phosphorylation cascades and act as integration points for multiple biochemical signals. This kinase is localized in the nucleus, and has been reported to be activated in fibroblasts upon treatment with serum or phorbol esters.

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**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.

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**Shelf Life**

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