Recombinant Mouse Dual specificity mitogen-activated protein kinase kinase 6 (Map2k6)

Product Code	CSB-YP013415MO
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P70236
Product Type	Recombinant Protein
Immunogen Species	Mus musculus (Mouse)
Purity	>85% (SDS-PAGE)
Sequence	MSQSKGKKRN PGLKIPKEAF EQPQTSSTPP RDLDSKACIS IGNQNFEVKA DDLEPIVELG RGAYGVVEKM RHVPSGQIMA VKRIRATVNS QEQKRLLMDL DVSMRTVDCP FTVTFYGALF REGDVWICME LMDTSLDKFY KQVIDKGQTI PEDILGKIAV SIVKALEHLH SKLSVIHRDV KPSNVLINTL GQVKMCDFGI SGYLVDSVAK TIDAGCKPYM APERINPELN QKGYSVKSDI WSLGITMIEL AILRFPYDSW GTPFQQLKQV VEEPSPQLPA DKFSADFVDF TSQCLKKNSK ERPTYPELMQ HPFFTVHESK AADVASFVKL ILGD
Source	Yeast
Target Names	Map2k6
Protein Names	Recommended name: Dual specificity mitogen-activated protein kinase kinase 6 Short name= MAP kinase kinase 6 Short name= MAPKK 6 EC= 2.7.12.2 Alternative name(s): MAPK/ERK kinase 6 Short name= MEK 6 SAPKK3
Expression Region	1-334
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 gene encodes a member of the dual specificity protein kinase family, which functions as a mitogen-activated protein (MAP) kinase kinase. MAP kinases, also known as extracellular signal-regulated kinases (ERKs), act as an integration point for multiple biochemical signals. This protein phosphorylates and activates p38 MAP kinase in response to inflammatory cytokines or environmental stress. As an essential component of p38 MAP kinase mediated signal transduction pathway, this gene is involved in many cellular processes such as stress induced cell cycle arrest, transcription activation and apoptosis.
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.