



Recombinant Human Mitogen-activated protein kinase 6 (MAPK6)

Product Code	CSB-EP013458HU-B
Abbreviation	MAPK6
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.	Q16659
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	MAEKFESLMN IHGFDLGSRY MDLKPLGCGG NGLVFSAVDN DCDKRVAIKK IVLTDPQSVK HALREIKIIR RLDHDNIVKV FEILGPSGSQ LTDDVGSLTE LNSVYIVQEY METDLANVLE QGPLLEEHR LFMYQLLRGL KYIHSANVLH RDLKPANLFI NTEDLVLKIG DFGLARIMDP HYSHKGLHSE GLVTKWYRSP RLLLSPNNYT KAIDMWAAGC IFAEMLTGKT LFAGAHELEQ MQLILESIPV VHEEDRQELL SVIPVYIRND MTEPHKPLTQ LLPGISREAL DFLEQILTFS PMDRLTAEAA LSHPYMSIYS FPMDEPISSH PFHIEDEVDD ILLMDETHSH IYNWERYHDC QFSEHDWPVH NNFDIDEVQL DPRALSDVTD EEEVQVDPRK YLDGDREKYL EDPAFDTNYS TPCWQYSDH HENKYCDLEC SHTCNYKTRS SSYLDNLVWR ESEVNHYYEP KLIIDLSNWK EQSKEKSDKK GSKSKCERNGL VKAQIALEEA SQQLAGKERE KNQGFDFDSF IAGTIQLSSQ HEPTDVVDKL NDLNSSVSQL ELKSLISKS SVQEKEKGMANLAQLEALYQ SSWDSQFVSG GEDCFFINQF CEVRKDEQVE KENTYTSYLD KFFSRKEDTE MLETPEVEDG KLGERGHEEG FLNNSGEFLF NKQLESIGIP QFHSPVGSPL KSIQATLTPS AMKSSPQIPH QTYSSILKHL N
Source	E.coli
Target Names	MAPK6
Protein Names	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 MAP kinase isoform p97
Expression Region	1-721
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 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.

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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