Recombinant Rabbit MAP kinase-activated protein kinase 2 (MAPKAPK2)

Product Code	CSB-EP013473RB-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P49139
Product Type	Recombinant Protein
Immunogen Species	Oryctolagus cuniculus (Rabbit)
Purity	>85% (SDS-PAGE)
Sequence	PPPPPPQQFP QFHVRSGLQI KKNAIIDDYK VTSQVLGLGI NGKVLQIFSK KTQEKFALKM LQDCPKARRE VELHWRASQC PHIVRIVDVY ENLYAGRKCL LIVMECLDGG ELFSRIQDRG DQAFTEREAS EIMKSIGEAI QYLHSINIAH RDVKPENLLY TSKRPKAILK LTDFGFAKET TSHNSLTTPC YTPYYVAPEV LGPEKYDKSC DMWSLGVIMY ILLCGYPPFY SNHGLAISPG MKTRIRMGQY EFPNPEWSEV SEEVKMLIRN LLKTEPTQRM TITEFMNHPW IMQSTKVPQT PLHTSRVLKE DKERWEDVKE EMTSALATMR VDYEQIKIKK IEDASNPLLL KRRKKARALE AAALAH
Source	E.coli
Target Names	MAPKAPK2
Protein Names	Recommended name: MAP kinase-activated protein kinase 2 Short name= MAPK-activated protein kinase 2 Short name= MAPKAP kinase 2 Short name= MAPKAP-K2 Short name= MAPKAPK-2 Short name= MK-2 Short name= MK2
Expression Region	1-366
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 Ser/Thr protein kinase family. This kinase is regulated through direct phosphorylation by p38 MAP kinase. In conjunction with p38 MAP kinase, this kinase is known to be involved in many cellular processes including stress and inflammatory responses, nuclear export, gene expression regulation and cell proliferation. Heat shock protein HSP27 was shown to be one of the substrates of this kinase in vivo. Two transcript variants encoding two different isoforms have been found for this gene.
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.