

Mitogen Activated Protein Kinase Kinase 2 (MAP2K2) Recombinant Protein | MAP2K2 recombinant protein

Recombinant Mitogen Activated Protein Kinase Kinase 2 (MAP2K2)

CATALOG # AAA134108	HOST E Coli	APPLICATIONS Immunoprecipitation, ELISA, Western Blot, SDS-Page
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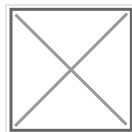
PRODUCT SYNONYMS

Mitogen Activated Protein Kinase Kinase 2 (MAP2K2); Recombinant Mitogen Activated Protein Kinase Kinase 2 (MAP2K2); MAP2K2 recombinant protein

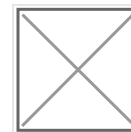
PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 95%
Form/Format	Supplied as lyophilized form in PBS,pH7.4, containing 5% sucrose, 0.01% sarcosyl.
Sequence	Thetargetp roteinisfu sedwithtwo N-terminal Tags,His-t agandT7-ta g,itsseque nceisliste dbelow. MGSSHHHHH HSSGLVPRGS HMASMTGGQQ MGRGSEF-LD LDEQQRKRLE AFLTQKAKVG ELKDDDFERI SELGAGNGGV VTKARHRPSG LIMARKLIHL EIKPAVRNQI IRELQVLHEC NSPYIVGFYG AFYSDGEISI CMEHMDGGSL DQVLKEAKRI PEDILGKVS IAVLRGLAYLR EKHQIMHRDV KPSNILVNSR GEIKLCDFGV SGQLIDSMAN SFVGTRSYMS PERLQGTHYS VQSDIWSMGL SLVELAIGRY PIPPPDAKEL EASFGRPVVD GADGEPHSVS PRPRPPGRPI SVGHGMDS
Sequence Length	401
Applicable Applications for MAP2K2 recombinant protein	IP (Immunoprecipitation), ELISA, WB (Western Blot), SDS-PAGE
Organism	Mus musculus (Mouse)
Expression System	Prokaryotic expression
Residues	Leu44~Ser313 (Accession # Q63932) with two N-terminal Tags, His-tag and T7-tag
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.
Preparation and Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate of the targetprotein. The loss rate was determined by accelerated thermal degradation test,that is, incubate the protein at 37 degree C for 48h, and no obvious degradation andprecipitation were observed. (Referring from China Biological Products Standard,which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.

IMAGES



SDS-PAGE



Sequence

NCBI AND UNIPROT INFORMATION

NCBI GI #	31560267
NCBI GeneID	26396
NCBI Accession #	NP_075627.2
NCBI GenBank Nucleotide #	NM_023138.4
UniProt Accession #	Q63932; Q9D7B0
Molecular Weight	33.7kDa
NCBI Official Full Name	dual specificity mitogen-activated protein kinase kinase 2
NCBI Official Synonym Full Names	mitogen-activated protein kinase kinase 2
NCBI Official Symbol	Map2k2
NCBI Official Synonym Symbols	MK2; MEK2; Prkmk2; AA589381
NCBI Protein Information	dual specificity mitogen-activated protein kinase kinase 2; MEK 2; MAPKK 2; MAPK/ERK kinase 2; MAP kinase kinase 2; MAP kinase/Erk kinase; ERK activator kinase 2; mitogen activated protein kinase kinase 2; protein kinase, mitogen activated, kinase 2, p45
UniProt Protein Name	Dual specificity mitogen-activated protein kinase kinase 2
UniProt Gene Name	Map2k2
UniProt Synonym Gene Names	Mek2; Mkk2; Prkmk2; MAP kinase kinase 2; MAPKK 2; MEK 2
UniProt Entry Name	MP2K2_MOUSE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/map2k2-recombinant-protein-e-coli-ip-immunoprecipitation-elisa-wb-western-blot-sds-page/134108>