Dual Specificity Mitogen-Activated Protein Kinase Kinase 3 (map2k3) Xenopus Laevis Recombinant Protein

PRODUCT OVERVIEW

Product Name	Dual specificity mitogen-activated protein kinase kinase 3 (map2k3), Recombinant Protein
Full Product Name	Recombinant Xenopus laevis Dual specificity mitogen-activated protein kinase kinase 3 (map2k3)
Product Gene Name	map2k3 recombinant protein
Sequence	GKIAVSIVKA LEHLHSKLSV IHRDVKPSNV LINKEGQVNM CDFGISGYLV DSVAKTMDAG CK
Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific)
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.
Molecular Weight	6,666 Da
Sequence Positions	1-62, Full length protein
Tag Information	This protein contains an N-terminal tag and may also contain a C-terminal tag. Tag types are determined by various factors including tag-protein stability, please inquire for tag information.
Sterility	Sterile filter available upon request.
Endotoxin	Low endotoxin available upon request.
3D Structure	ModBase 3D Structure for P39746
Species	Xenopus laevis (African clawed frog)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for map2k3 recombinant protein	MBS1253225 is a recombinant protein targeting map2k3. Also known as Recombinant Xenopus laevis Dual specificity mitogen-activated protein kinase kinase 3 (map2k3). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of map2k3 recombinant protein vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for map2k3. It may not necessarily be applicable to this product.

NCBI GI #	730054
NCBI Accession #	P39746.1
UniProt Primary Accession #	P39746
NCBI Official Full Name	Dual specificity mitogen-activated protein kinase kinase 3
UniProt Protein Name	Dual specificity mitogen-activated protein kinase kinase 3
UniProt Synonym Protein Names	MAPK-ERK kinase 3
Protein Family	Dual specificity mitogen-activated protein kinase kinase

UniProt Gene Name	map2k3
UniProt Synonym Gene Names	mek3; MAP kinase kinase 3; MAPKK 3
UniProt Comments for map2k3	Catalyzes the concomitant phosphorylation of a threonine and a tyrosine residue in a Thr-Glu-Tyr sequence located in MAP kinases.
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