Mitogen-Activated Protein Kinase Kinase Kinase 10 (map3k10) Xenopus Laevis Recombinant Protein

PRODUCT OVERVIEW

Product Name	Mitogen-activated protein kinase kinase kinase 10 (map3k10), Recombinant Protein
Full Product Name	Recombinant Xenopus laevis Mitogen-activated protein kinase kinase kinase 10 (map3k10), partial
Product Gene Name	map3k10 recombinant protein
Product Synonym Gene Name	map3k10
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	111,875 Da
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 Q7T2V3
Species	Xenopus laevis (African clawed frog)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for map3k10 recombinant protein	MBS1304458 is a recombinant protein targeting map3k10. Also known as Recombinant Xenopus laevis Mitogen-activated protein kinase kinase kinase 10 (map3k10), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of map3k10 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 map3k10. It may not necessarily be applicable to this product.

NCBI GI #	147903086
NCBI GeneID	398612
NCBI Accession #	NP_001082629.1
UniProt Primary Accession #	Q7T2V3
UniProt Related Accession #	Q7T2V3
GenBank Nucleotide #	NM_001089160.1
NCBI Official Full Name	mitogen-activated protein kinase kinase kinase 10

NCBI Official Synonym Full Names	mitogen-activated protein kinase kinase kinase 10 L homeolog
NCBI Official Symbol	map3k10.L
NCBI Official Synonym Symbols	mlk2; xmlk2; map3k10
UniProt Protein Name	Mitogen-activated protein kinase kinase kinase 10
UniProt Synonym Protein Names	Mixed lineage kinase 2; xMLK2
Protein Family	Mitogen-activated protein kinase kinase kinase
UniProt Gene Name	map3k10
UniProt Synonym Gene Names	mlk2; xMLK2
NCBI Protein Information	mitogen-activated protein kinase kinase kinase 10
UniProt Comments for map3k10	Activates the JUN N-terminal pathway. Essential for pronephros and cement gland development.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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