Recombinant Mouse Map2k3 Protein, Myc/DDK-tagged

Cat. No. Map2k3-3922M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length mitogen activated protein kinase kinase 3 (cDNA clone MGC:5915 IMAGE:3497714), complete cds, with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Dual specificity kinase. Is activated by cytokines and environmental stress in vivo. Catalyzes the concomitant phosphorylation of a threonine and a tyrosine residue in the MAP kinase p38. Part of a signaling cascade that begins with the activation of the adrenergic receptor ADRA1B and leads to the activation of MAPK14.
Molecular Mass	19.5 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 μg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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GENE INFORMATION

Gene Name	Map2k3 mitogen-activated protein kinase kinase 3 [Mus musculus (house mouse)]
Official Symbol	Map2k3
Synonyms	Map2k3; mitogen-activated protein kinase kinase 3; MEK3; MKK3; Prkm; MKK3b; Prkmk3; MAPKK 3; AW212142; dual specificity mitogen-activated protein kinase kinase 3; MAP kinase kinase 3; MAPK/ERK kinase 3; EC 2.7.12.2
Gene ID	26397
mRNA Refseq	NM_008928
Protein Refseq	NP_032954
UniProt ID	O09110

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