

Recombinant Mouse Map3k20 Protein, Myc/DDK-tagged

Cat. No. Map3k20-3930M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length mitogen-activated protein kinase kinase kinase 20 (Map3k20), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Stress-activated component of a protein kinase signal transduction cascade. Regulates the JNK and p38 pathways. Part of a signaling cascade that begins with the activation of the adrenergic receptor ADRA1B and leads to the activation of MAPK14. Pro-apoptotic. Role in regulation of S and G2 cell cycle checkpoint by direct phosphorylation of CHEK2. Involved in limb development.
Molecular Mass	91.7 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

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Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name Map3k20 mitogen-activated protein kinase kinase kinase 20 [Mus musculus (house mouse)]

Official Symbol Map3k20

Synonyms Map3k20; mitogen-activated protein kinase kinase kinase 20; Za; Zak; MLTK; HCCS-4; MLTKbe; AV006891; MLTKbeta; MLTKalpha; B230120H23Rik; mitogen-activated protein kinase kinase kinase 20; MLK-like mitogen-activated protein triple kinase; MLK-related kinase; MRK; human cervical cancer suppressor gene 4 protein; leucine zipper- and sterile alpha motif kinase ZAK; leucine zipper- and sterile alpha motif-containing kinase; mitogen-activated protein kinase kinase kinase MLT; mixed lineage kinase-related kinase; sterile alpha motif and leucine zipper containing kinase AZK; EC 2.7.11.25

Gene ID 65964

mRNA Refseq NM_023057

Protein Refseq NP_075544

UniProt ID Q9ESL4

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