

Recombinant Human MAP3K1 Protein, MYC/DDK-tagged

Cat. No. MAP3K1-393H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human MAP3K1 protein, fused to MYC/DDK tag at C-terminus, was expressed in HEK293.
Species	Human
Source	HEK293
Description	The protein encoded by this gene is a serine/threonine kinase and is part of some signal transduction cascades, including the ERK and JNK kinase pathways as well as the NF-kappa-B pathway. The encoded protein is activated by autophosphorylation and requires magnesium as a cofactor in phosphorylating other proteins. This protein has E3 ligase activity conferred by a plant homeodomain (PHD) in its N-terminus and phospho-kinase activity conferred by a kinase domain in its C-terminus. [provided by RefSeq, Mar 2012].
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol.
Molecular Mass	164.3 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

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Gene Name	mitogen-activated protein kinase kinase kinase 1 [Homo sapiens]
Official Symbol	MAP3K1
Synonyms	MAPKKK1; MEKK; MEKK 1; MEKK1; SRXY6
Gene ID	4214
mRNA Refseq	NM_005921.1
Protein Refseq	NP_005912.1
MIM	600982
UniProt ID	Q13233

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