Recombinant Human MAP2K6 Protein, MYC/DDK-tagged

Cat. No. MAP2K6-392H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human MAP2K6 protein, fused to MYC/DDK tag at C-terminus, was expressed in HEK293.
Species	Human
Source	HEK293
Description	This gene encodes a member of the dual specificity protein kinase family, which functions as a mitogen-activated protein (MAP) kinase kinase. MAP kinases, also known as extracellular signal-regulated kinases (ERKs), act as an integration point for multiple biochemical signals. This protein phosphorylates and activates p38 MAP kinase in response to inflammatory cytokines or environmental stress. As an essential component of p38 MAP kinase mediated signal transduction pathway, this gene is involved in many cellular processes such as stress induced cell cycle arrest, transcription activation and apoptosis. [provided by RefSeq, Jul 2008].
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol.
Molecular Mass	37.3 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

Gene Name	mitogen-activated protein kinase kinase 6 [Homo sapiens]
Official Symbol	MAP2K6
Synonyms	MAPKK6; MEK6; MKK6; PRKMK6; SAPKK-3; SAPKK3
Gene ID	5608
mRNA Refseq	NM_002758.3
Protein Refseq	NP_002749.2
MIM	601254
UniProt ID	A8K3Y2

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