

Recombinant Human MAPKAPK2 Protein, MYC/DDK-tagged

Cat. No. MAPKAPK2-550H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human MAPKAPK2 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 Ser/Thr protein kinase family. This kinase is regulated through direct phosphorylation by p38 MAP kinase. In conjunction with p38 MAP kinase, this kinase is known to be involved in many cellular processes including stress and inflammatory responses, nuclear export, gene expression regulation and cell proliferation. Heat shock protein HSP27 was shown to be one of the substrates of this kinase in vivo. Two transcript variants encoding two different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol.
Molecular Mass	45.4 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-activated protein kinase 2[Homo sapiens]
Official Symbol	MAPKAPK2
Synonyms	MAPKAP-K2; MK-2; MK2
Gene ID	9261
mRNA Refseq	NM_004759.4
Protein Refseq	NP_004750.1
MIM	602006
UniProt ID	P49137

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