

Recombinant Human MAPK13 Protein, MYC/DDK-tagged

Cat. No. MAPK13-383H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human MAPK13 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 mitogen-activated protein (MAP) kinase family. MAP kinases act as an integration point for multiple biochemical signals, and are involved in a wide variety of cellular processes such as proliferation, differentiation, transcription regulation and development. The encoded protein is a p38 MAP kinase and is activated by proinflammatory cytokines and cellular stress. Substrates of the encoded protein include the transcription factor ATF2 and the microtubule dynamics regulator stathmin. Alternatively spliced transcript variants have been observed for this gene. [provided by RefSeq, Jul 2012].
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol.
Molecular Mass	41.9 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 13 [Homo sapiens]
Official Symbol	MAPK13
Synonyms	MAPK 13; MAPK-13; p38delta; PRKM13; SAPK4
Gene ID	5603
mRNA Refseq	NM_002754.4
Protein Refseq	NP_002745.1
MIM	602899
UniProt ID	O15264

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