

## Recombinant Human MAPK6 Protein, His-tagged

Cat. No. MAPK6-659H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human MAPK6 fused with His tag at N-terminal was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	1-721 aa
<b>Description</b>	The protein encoded by this gene is a member of the Ser/Thr protein kinase family, and is most closely related to mitogen-activated protein kinases (MAP kinases). MAP kinases also known as extracellular signal-regulated kinases (ERKs), are activated through protein phosphorylation cascades and act as integration points for multiple biochemical signals. This kinase is localized in the nucleus, and has been reported to be activated in fibroblasts upon treatment with serum or phorbol esters.
<b>Form</b>	25mM Tris, pH8.0, 150 mM NaCl, 10% glycerol, 1 % Sarkosyl.
<b>Molecular Mass</b>	82.5 kDa
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Concentration</b>	>50 ug/mL as determined by microplate BCA method

### GENE INFORMATION

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<b>Gene Name</b>	MAPK6 mitogen-activated protein kinase 6 [ Homo sapiens ]
<b>Official Symbol</b>	MAPK6
<b>Synonyms</b>	MAPK6; mitogen-activated protein kinase 6; PRKM6; ERK3; HsT17250; p97MAPK; ERK-3; MAPK 6; p97-MAPK; MAP kinase 6; MAP kinase isoform p97; protein kinase, mitogen-activated 5; protein kinase, mitogen-activated 6; extracellular signal-regulated kinase 3; extracellular signal-regulated kinase, p97; DKFZp686F03189;
<b>Gene ID</b>	5597
<b>mRNA Refseq</b>	NM_002748
<b>Protein Refseq</b>	NP_002739
<b>MIM</b>	602904
<b>UniProt ID</b>	Q16659

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