

## Recombinant Human MAPK10 protein, His-tagged

Cat. No. MAPK10-239H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human MAPK10 fused with His tag at N-terminal was expressed in E.coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>Description</b>	<p>The protein encoded by this gene is a member of the MAP kinase family. MAP kinases act as integration points for multiple biochemical signals and are involved in a wide variety of cellular processes, such as proliferation, differentiation, transcription regulation and development. This kinase is specifically expressed in a subset of neurons in the nervous system and is activated by threonine and tyrosine phosphorylation. Targeted deletion of this gene in mice suggests that it may have a role in stress-induced neuronal apoptosis. Alternatively spliced transcript variants encoding different isoforms have been described for this gene. A recent study provided evidence for translational readthrough in this gene and expression of an additional C-terminally extended isoform via the use of an alternative in-frame translation termination codon.</p>
<b>Form</b>	25mM Tris, pH8.0, 150 mM NaCl, 10% glycerol, 1 % Sarkosyl.
<b>Molecular Mass</b>	31.8 kDa
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

**Concentration** >50 ug/mL as determined by microplate BCA method

## GENE INFORMATION

**Gene Name** MAPK10 mitogen-activated protein kinase 10 [ Homo sapiens ]

**Official Symbol** MAPK10

**Synonyms** MAPK10; mitogen-activated protein kinase 10; PRKM10; JNK3; p54bSAPK; p493F12; MAPK 10; MAP kinase 10; MAP kinase p49 3F12; JNK3 alpha protein kinase; c-Jun N-terminal kinase 3; stress-activated protein kinase 1b; stress activated protein kinase beta; stress-activated protein kinase JNK3; JNK3A; SAPK1b; FLJ12099; FLJ33785; MGC50974;

**Gene ID** 5602

**mRNA Refseq** NM\_002753

**Protein Refseq** NP\_002744

**MIM** 602897

**UniProt ID** P53779

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA