

## Active Recombinant Human MAPK14, GST-tagged

Cat. No. MAPK14-599H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human MAPK14 (Accession # NM_139012) , fused with an N-terminal GST tag, was produced in baculovirus in Sf 9 insect cells.
<b>Species</b>	Human
<b>Source</b>	Sf9 Cells
<b>Form</b>	Supplied in 50 mM Tris-HCl (pH 7.5), 150 mM NaCl, 0.25 mM DTT, 10 mM glutathione, 0.1 mM EDTA, 0.1 mM PMSF, and 25% glycerol.
<b>Bio-activity</b>	The specific activity of p38 $\alpha$ was determined to be 200 nmol/min/mg using an ATF2 substrate
<b>Molecular Mass</b>	In SDS-PAGE migrates as 67 kDa.
<b>Purity</b>	The purity was determined to be >90% by densitometry
<b>Storage</b>	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C).

### GENE INFORMATION

<b>Gene Name</b>	MAPK14 mitogen-activated protein kinase 14 [ Homo sapiens ]
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<b>Official Symbol</b>	MAPK14
<b>Synonyms</b>	MAPK14; mitogen-activated protein kinase 14; CSBP1, CSBP2, CSPB1; Mxi2; p38; p38 MAP kinase; PRKM14; PRKM15; MAP kinase 14; p38alpha Exip; MAP kinase Mxi2; MAP kinase p38 alpha; CSAID-binding protein; Csaids binding protein; MAX-interacting protein 2; stress-activated protein kinase 2A; p38 mitogen activated protein kinase; mitogen-activated protein kinase p38 alpha; cytokine suppressive anti-inflammatory drug binding protein; cytokine suppressive anti-inflammatory drug-binding protein; RK; CSBP; EXIP; CSBP1; CSBP2; CSPB1; SAPK2A; p38ALPHA;
<b>Gene ID</b>	1432
<b>mRNA Refseq</b>	NM_001315
<b>Protein Refseq</b>	NP_001306
<b>MIM</b>	600289
<b>UniProt ID</b>	Q16539
<b>Chromosome Location</b>	6p21.3-p21.2

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