Active Recombinant Human MAPK14, GST-tagged

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

SPECIFICATION

Product Overview	Recombinant Human MAPK14 (Accession # NM_139012) , fused with an N-terminal GST tag, was produced in baculovirus in Sf 9 insect cells.
Species	Human
Source	Sf9 Cells
Form	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.
Bio-activity	The specific activity of p38α was determined to be 200 nmol/min/mg using an ATF2 substrate
Molecular Mass	In SDS-PAGE migrates as 67 kDa.
Purity	The purity was determined to be >90% by densitometry
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4ºC); After reconstitution under sterile conditions for 3 months (-70ºC).

GENE INFORMATION

Gene Name	MAPK14 mitogen-activated protein kinase 14 [Homo sapiens]

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Official Symbol	MAPK14
Synonyms	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;
Gene ID	1432
mRNA Refseq	NM_001315
Protein Refseq	NP_001306
MIM	600289
UniProt ID	Q16539
Chromosome Location	6p21.3-p21.2

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