

Recombinant Human MAPK14 protein, His-tagged

Cat. No. MAPK14-142H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human MAPK14 protein(NP_620581.1) (Met1-Ser360) was expressed in Insect Cells, fused with a polyhistidine tag at the N-terminus.
Species	Human
Source	Insect Cells
ProteinLength	1-360 aa
Form	Lyophilized from sterile 20mM Tris, 500mM NaCl, pH 7.4, 10% gly.
Molecular Mass	The recombinant human MAPK14 consists of 378 amino acids and has a calculated molecular mass of 43.7 kDa. The recombinant protein migrates as an approximately 43 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	> 90 % as determined by SDS-PAGE
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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GENE INFORMATION

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

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