

Active Recombinant Human MAPK14 protein (Met1-Ser360), His-tagged

Cat. No. MAPK14-143H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human MAPK14 isoform 2 (NP_620581.1) (Met1-Ser360) protein, fused with a polyhistidine tag at the N-terminus, was expressed in HEK293 Cells.
Species	Human
Source	Insect Cells
ProteinLength	1-360 a.a.
CommonName	MAPK14
Predicted N Terminal	His
Form	Supplied as sterile 20mM Tris, 500mM NaCl, pH 7.4, 10% gly.
Bio-activity	Kinase activity untested
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

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Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Concentration	Please refer to COA for detailed information.
Shipping	In general, recombinant proteins are provided as lyophilized powder which are shipped at ambient temperature. Bulk packages of recombinant proteins are provided as frozen liquid. They are shipped out with blue ice unless customers require otherwise.

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; 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

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MIM	600289
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UniProt ID	Q16539
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