

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

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

### SPECIFICATION

<b>Product Overview</b>	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.
<b>Species</b>	Human
<b>Source</b>	Insect Cells
<b>ProteinLength</b>	1-360 a.a.
<b>CommonName</b>	MAPK14
<b>Predicted N Terminal</b>	His
<b>Form</b>	Supplied as sterile 20mM Tris, 500mM NaCl, pH 7.4, 10% gly.
<b>Bio-activity</b>	Kinase activity untested
<b>Molecular Mass</b>	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.
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method.
<b>Purity</b>	> 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 Exp; 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](#)

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**MIM** 600289

**UniProt ID** Q16539

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