

## Recombinant Human MAPK8 protein, His-tagged

Cat. No. MAPK8-2242H Lot. No. (See product label)

### SPECIFICATION

**Product Overview** Recombinant Human MAPK8 protein(P45983)(4-422aa), fused to N-terminal His tag, was expressed in Insect Cell.

**Species** Human

**Source** Insect Cells

**ProteinLength** 4-422aa

**Form** If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol.  
If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.

**Molecular Mass** 49.4 kDa

**AA Sequence**  
SKRDNNFYSVEIGDSTFTVLKRYQNLKPIGSGAQQGIVCAAYDAILERNVAIKKLSRPF  
QNTQTHAKRAYRELVLKMCVNHNKIIGLLNVFTPQKSLEEFQDVYIVMELMDANLCQVI  
QMELDHERMSYLLYQMLCGIKHLHSAGIIHRDLKPSNIVVKSDCTLKILDFGLARTAG  
TSFMMPYVVTRYRRAPEVILGMGYKENVDLWSVGCIMGEMVCHKILFPGRDYIDQ  
WNVKIEQLGTPCPEFMKKLQPTVRTYVENRPKYAGYSFEKLFDPDLFPADSEHNKL  
KASQARDLLSKMLVIDASKRISVDEALQHPYINVWYDPSEAEAPPPKIPDKQLDEREH  
TIEEWKELIYKEVMDLEERTKNGVIRGQPSPLGAAVINGSQHPSSSSSSVNDVSSMST  
DPTLASD TDSSLEAAAGP

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<b>Purity</b>	Greater than 90% as determined by SDS-PAGE.
<b>Storage</b>	Store at -20°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
<b>Reconstitution</b>	Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">MAPK8 mitogen-activated protein kinase 8 [ Homo sapiens ]</a>
<b>Official Symbol</b>	<a href="#">MAPK8</a>
<b>Synonyms</b>	MAPK8; mitogen-activated protein kinase 8; PRKM8; JNK; JNK1; JUN N terminal kinase; SAPK1; MAP kinase 8; JUN N-terminal kinase; c-Jun N-terminal kinase 1; stress-activated protein kinase 1; stress-activated protein kinase 1c; mitogen-activated protein kinase 8 isoform JNK1 beta2; mitogen-activated protein kinase 8 isoform JNK1 alpha1; JNK-46; JNK1A2; SAPK1c; JNK21B1/2;
<b>Gene ID</b>	<a href="#">5599</a>
<b>mRNA Refseq</b>	<a href="#">NM_002750</a>
<b>Protein Refseq</b>	<a href="#">NP_002741</a>
<b>MIM</b>	<a href="#">601158</a>
<b>UniProt ID</b>	<a href="#">P45983</a>

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