

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	SKRDNNFYSVEIGDSTFTVLKRYQNLKPIGSGAQGIVCAAYDAILERNVAIKKLSRPF QNQTHAKRAYRELVLMKCVNHKNIIGLLNVFTPQKSLEEFQDVYIVMELMDANLCQVI QMELDHERMSYLLYQMLCGIKHLHSAGIIHRDLKPSNIVVKSDCTLKILDFGLARTAG TSFMMTPYVVTRYRRAPEVILGMGYKENVDLWSVGCIMGEMVCHKILFPGRDYIDQ WNKVIEQLGTPCPEFMKKLQPTVRTYVENRPKYAGYSFEKLFDPDLFPADSEHNKL KASQARDLLSKMLVIDASKRISVDEALQHPYINVWYDPSEAEAPPPKIPDKQLDEREH TIEEWKELIYKEVMDLEERTKNGVIRGQPSPLGAAVINGSQHPSSSSSVNDVSSMST DPTLASDSTDSSLEAAAGP

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Purity	Greater than 90% as determined by SDS-PAGE.
Storage	Store at -20°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	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

Gene Name	MAPK8 mitogen-activated protein kinase 8 [Homo sapiens]
Official Symbol	MAPK8
Synonyms	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;
Gene ID	5599
mRNA Refseq	NM_002750
Protein Refseq	NP_002741
MIM	601158
UniProt ID	P45983

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