

## Recombinant Human MKK6, Gly & Pro tagged

Cat. No. MAP2K6-525H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human MKK6 (NP_002749.2) (Met1-Asp334), fused with two additional amino acids (Gly & Pro) at the N-terminus, was produced in Baculovirus-Insect cells.
<b>Species</b>	Human
<b>Source</b>	Insect Cells
<b>ProteinLength</b>	1-334 a.a.
<b>Predicted N Terminal</b>	Gly
<b>Form</b>	Lyophilized from sterile 20mM Tris, 500mM NaCl, 3mM DTT, 10% glycerol, pH 8.0. Normally 5 % - 8 % trehalose and mannitol are added as protectants before lyophilization.
<b>Molecular Mass</b>	The secreted recombinant human MKK6 consists of 336 amino acids and predicts a molecular mass of 37.6 KDa. The apparent molecular mass of the protein is approximately 37 KDa in SDS-PAGE under reducing conditions due to glycosylation.
<b>Endotoxin</b>	< 1.0 eu per µg of the protein as determined by the LAL method.
<b>Purity</b>	>95 % as determined by SDS-PAGE
<b>Stability</b>	Samples are stable for up to twelve months from date of receipt at -70oC.

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**Storage** Store it under sterile conditions at -20oC~-70oC. It is recommended that the protein be aliquoted 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. Centrifuge the vial at 4°C before opening to recover the entire contents.

## GENE INFORMATION

**Gene Name** MAP2K6 mitogen-activated protein kinase kinase 6 [ Homo sapiens(human) ]

**Official Symbol** MKK6

**Gene ID** 5608

**mRNA Refseq** NM\_002758

**Protein Refseq** NP\_002749

**MIM** 601254

**UniProt ID** P52564

**Chromosome Location** 17q24.3

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