

## Recombinant Human MKNK1, GST-tagged

Cat. No. MKNK1-519H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human MNK (T385D, amino acids 2nd-End (deletion 165-205aa)) was expressed in a <i>Baculovirus infected Sf9</i> cell expression system with N-terminal GST tag. MW=74 kDa.
<b>Species</b>	Human
<b>Source</b>	Sf9 Cells
<b>ProteinLength</b>	2-end;165-205 a.a.
<b>Description</b>	MKNK1 has been shown to interact with MAPK1 and Eukaryotic translation initiation factor 4 gamma.
<b>Formulated In</b>	25 mM Tris-HCl, pH 8.0, 100 mM NaCl, 0.05% Tween-20, 30% glycerol, and 3 mM DTT.
<b>Application</b>	Useful for the study of enzyme kinetics, screening inhibitors, and selectivity profiling.
<b>Purity</b>	> 70%.
<b>Stability</b>	>6 months at -80°C.
<b>Pathways</b>	Insulin signaling pathway; MAPK signaling pathway

### GENE INFORMATION

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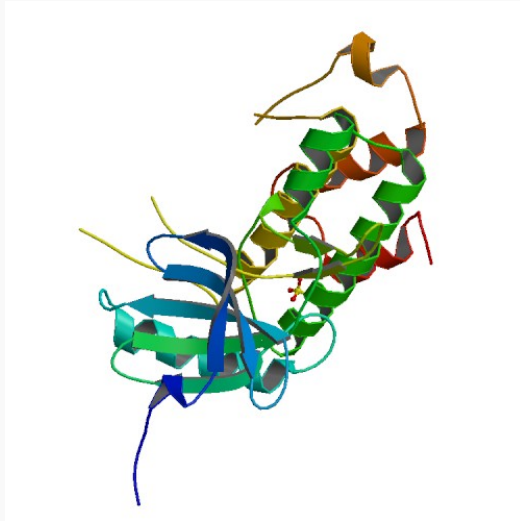
<b>Gene Name</b>	MKNK1 MAP kinase interacting serine/threonine kinase 1 [ Homo sapiens ]
<b>Synonyms</b>	MAP kinase interacting serine/threonine kinase 1; MNK1; MKNK1; MAP kinase interacting kinase 1; EC 2.7.11.1; Mnk1; OTTHUMP00000009674; MAP kinase signal-integrating kinase 1; MAP kinase-interacting serine/threonine kinase 1
<b>Gene ID</b>	8569
<b>mRNA Refseq</b>	NM_001135553
<b>Protein Refseq</b>	NP_001129025
<b>MIM</b>	606724
<b>UniProt ID</b>	Q9BUB5
<b>Chromosome Location</b>	1p33
<b>Function</b>	ATP binding; nucleotide binding; protein binding; protein serine/threonine kinase activity; transferase activity

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on 2hw6.



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