

Recombinant Human MKNK1, GST-tagged

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

SPECIFICATION

Product Overview	Recombinant Human MNK (T385D, amino acids 2nd-End (deletion 165-205aa)) was expressed in <i>aBaculovirus infected Sf9cell</i> expression system with N-terminal GST tag. MW=74 kDa.
Species	Human
Source	Sf9 Cells
ProteinLength	2-end;165-205 a.a.
Description	MKNK1 has been shown to interact with MAPK1 and Eukaryotic translation initiation factor 4 gamma.
Formulated In	25 mM Tris-HCl, pH 8.0, 100 mM NaCl, 0.05% Tween-20, 30% glycerol, and 3 mM DTT.
Application	Useful for the study of enzyme kinetics, screening inhibitors, and selectivity profiling.
Purity	> 70%.
Stability	>6 months at -80°C.
Pathways	Insulin signaling pathway; MAPK signaling pathway

GENE INFORMATION

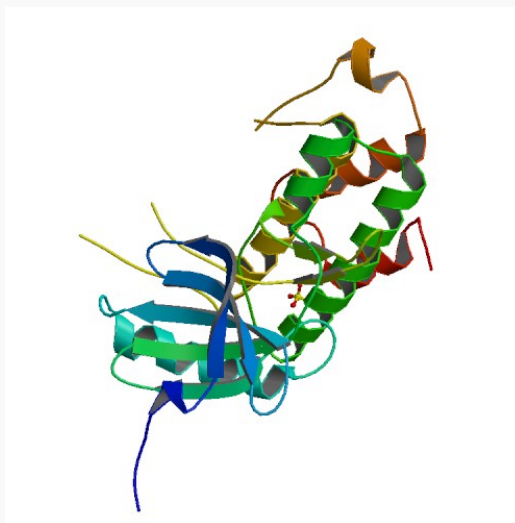
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Gene Name	MKNK1 MAP kinase interacting serine/threonine kinase 1 [Homo sapiens]
Synonyms	MAP kinase interacting serine/threonine kinase 1; MNK1; MKNK1; MAP kinase interacting kinase 1; EC 2.7.11.1; Mnk1; OTTHUMP00000009674; MAP kinase signal-integrating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

PDB rendering based
on 2hw6.



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