

# Active Recombinant Full Length Human MKNK1 Protein, GST-tagged

**Cat. No.** MKNK1-5629HF    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Full-length human MNK1 [1-424(end) amino acids and T344D of accession number NP_001129025.1] was expressed as N-terminal GST-fusion protein (74 kDa) using baculovirus expression system. GST- MNK1 was purified by using glutathione sepharose chromatography.
<b>Species</b>	Human
<b>Source</b>	Sf21 Cells
<b>ProteinLength</b>	1-424(end)
<b>Form</b>	50 mM Tris-HCl, 150 mM NaCl, 0.05% Brij35, 1 mM DTT, 10% glycerol, pH7.5
<b>Bio-activity</b>	The activity was measured by off-chip mobility shift assay(MSA). The enzyme was incubated with fluorescence-labeled substrate and Mg(or Mn)/ATP. The phosphorylated and unphosphorylated substrates were separated and detected by MSA device.
<b>Purity</b>	95%
<b>Applications</b>	SDS-PAGE
<b>Storage</b>	Store at -80C. Avoid repeating freeze-thaws.

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## GENE INFORMATION

**Gene Name** MAPK interacting serine/threonine kinase 1

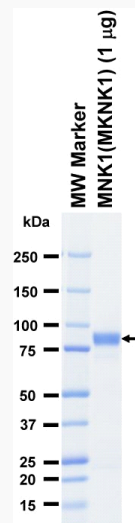
**Official Symbol** MKNK1

**Synonyms** MKNK1; MNK1

**Protein Refseq** [NP\\_001129025.1](#)

**UniProt ID** [Q9BUB5](#)

## SDS-PAGE

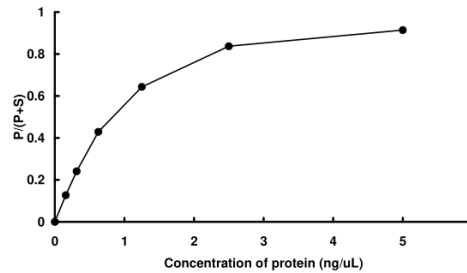


The purity was assessed by SDS-PAGE/CBB staining.

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**Activity data****Activity data**

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