

## Recombinant Human MKNK2 protein, His-tagged

Cat. No. MKNK2-0427H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human MKNK2 protein(1-158 aa), fused to His tag, was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	1-158 aa
<b>Form</b>	The purified protein was Lyophilized from sterile PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
<b>AA Sequence</b>	MAPEVVEAFSEEASIYDKRCDLWVSLGVILYILLSGYPPFVGRGSDCGWDRGEACP ACQNMLFESIQEGKYEFPDKDWAHISCAAKDLISKLLVRDAKQRLSAAQVLQHPWV QGCAPENTLPTPMVLQRWDSHFLLPPHPCRIVRPGGLVRTVTVNE
<b>Purity</b>	95%, by SDS-PAGE with Coomassie Brilliant Blue staining.
<b>Storage</b>	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.
<b>Reconstitution</b>	Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.

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Reconstitution with 200 µl 50% glycerol solution is recommended for longer term storage.

## GENE INFORMATION

<b>Gene Name</b>	MKNK2 MAP kinase interacting serine/threonine kinase 2 [ Homo sapiens ]
<b>Official Symbol</b>	MKNK2
<b>Synonyms</b>	MKNK2; MAP kinase interacting serine/threonine kinase 2; G protein coupled receptor kinase 7 , GPRK7; MAP kinase-interacting serine/threonine-protein kinase 2; MNK2; Putative map kinase interacting kinase; MAPK signal-integrating kinase 2; G protein-coupled receptor kinase 7; MAP kinase signal-integrating kinase 2; GPRK7;
<b>Gene ID</b>	2872
<b>mRNA Refseq</b>	NM_017572
<b>Protein Refseq</b>	NP_060042
<b>MIM</b>	605069
<b>UniProt ID</b>	Q9HBH9

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