

Recombinant Mouse Mknk1 Protein, Myc/DDK-tagged

Cat. No. Mknk1-4083M Lot. No. (See product label)

SPECIFICATION

| | |
|-------------------------|---|
| Product Overview | Purified recombinant protein of mouse full-length MAP kinase-interacting serine/threonine kinase 1 (Mknk1), with C-terminal MYC/DDK tag, expressed in HEK293T cells. |
| Species | Mouse |
| Source | HEK293 |
| Description | This gene encodes a serine-threonine protein kinase that is activated by extracellular signal-regulated kinase or p38 mitogen-activated protein kinases, and it may function in cytokine and environmental stress responses. This kinase is required for phosphorylation of eukaryotic translation initiation factor 4E but it is not required for cell growth during development. Alternative splicing of this gene results in multiple transcript variants. |
| Molecular Mass | 46.5 kDa |
| Purity | > 80% as determined by SDS-PAGE and Coomassie blue staining |
| Stability | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles. |
| Storage | Store at -80 centigrade after receiving vials. |
| Concentration | >50 µg/mL as determined by microplate BCA method |

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Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name Mknk1 MAP kinase-interacting serine/threonine kinase 1 [Mus musculus (house mouse)]

Official Symbol Mknk1

Synonyms MKNK1; MAP kinase-interacting serine/threonine kinase 1; MAP kinase-interacting serine/threonine-protein kinase 1; MAPK signal-integrating kinase 1; MAP kinase signal-integrating kinase 1; Mnk1; 2410048M24Rik

Gene ID 17346

mRNA Refseq NM_021461

Protein Refseq NP_067436

UniProt ID O08605

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