

Recombinant Human MINK1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. MINK1-3624H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	MINK1 MS Standard C13 and N15-labeled recombinant protein (NP_722549) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes a serine/threonine kinase belonging to the germinal center kinase (GCK) family. The protein is structurally similar to the kinases that are related to NIK and may belong to a distinct subfamily of NIK-related kinases within the GCK family. Studies of the mouse homolog indicate an up-regulation of expression in the course of postnatal mouse cerebral development and activation of the cJun N-terminal kinase (JNK) and the p38 pathways.
Molecular Mass	149.6 kDa
AA Sequence	MGDPAPARSLDDIDLSALRDPAGIFELVEVVGNGTYGQVYKGRHVKTGQLAAIKVM DVTEDEEEEIKQEINMLKKYSHHRNIATYYGAFIKKSPPGNDDQLWLVMFCGAGSV TDLVKNTKGNALKEDCIAYICREILRGLAHLHAHKVIHRDIKGQNVLLTENAEVKLVDF GVSAQLDRTVGRRNTFIGTPYWMAPEVIACDENPDATYDYRSDIWSLGITAIEMAEG APPLCDMHPMRALFLIPRNPPRLKSKKWSKKFIDFIDTCLIKTYLSRPPTTEQLLKFPF IRDQPTERQVRIQLKDHIDRSRKKRGEKEETEYEYSGSEEEEDDSHGEEGEPSSIMNV PGESTLRREFLRLQQENKSNSEALKQQQQLQQQQQRDPEAHIKHLLHQRQRRIEE

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QKEERRRVEEQQRREREQRKLQEKEQQRRLEDMQALRREEERRQAEREQEYKRK
 QLEEQRQSERLQRQLQQEHAYLKSLLQQQQQQQLQKQQQQQLLPGDRKPLYHYG
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 QRLKFLCERNDKVFFASVRSGGSSQVYFMTLNRNCIMNWTRTRPLEQKLISEEDLA
 ANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

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GENE INFORMATION

Gene Name MINK1 misshapen-like kinase 1 [Homo sapiens (human)]

Official Symbol MINK1

Synonyms MINK1; misshapen-like kinase 1; misshapen like kinase 1 (zebrafish); B55; MAP4K6; MINK; misshapen/NIK related kinase; YSK2; ZC3; MEKKK 6; MEK kinase kinase 6; GCK family kinase MINK; misshapen/NIK-related kinase; MAPK/ERK kinase kinase 6; serine/threonine protein kinase; mitogen-activated protein kinase kinase kinase 6; hMINK; hMINKbeta; MGC21111;

Gene ID 50488

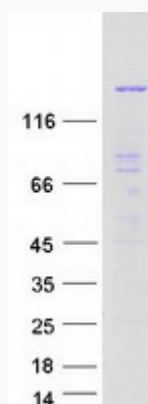
mRNA Refseq NM_153827

Protein Refseq NP_722549

MIM 609426

UniProt ID Q8N4C8

SDS-PAGE



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