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

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

SPECIFICATION

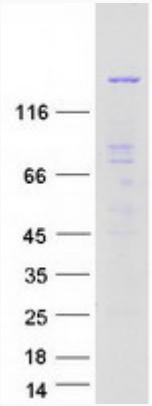
Product Overview	MINK1 MS Standard C13 and N15-labeled recombinant protein (NP_722549) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes a serine/threonine kinase belonging to the germinal center kinase (GCK) family. The protein is 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 DVTEDEEEEIKQEINMLKKYSHHRNIATYYGAFIKKSPPGNDDQLWLVMEFCGAGSV TDLVKNTKGNALKEDCIAYICREILRGLAHLHAHKVIHRDIKGQNVLLTENAEVKLVDF GVSAQLDRTVGRRNTFIGTPYWMAPEVIACDENPDATYDYRSDIWSLGITAIEMAEG APPLCDMHPMRALFLIPRNPPPRLKSKKWSKKFIDFIDTCLIKTYLSRPPTEQLLKFPF IRDQPTERQVRIQLKDHIDRSRKKRGEKEETEYEYSGSEEEDDSHGEEGEPSSIMNV PGESTLRREFLRLQQENKSNSEALKQQQQLQQQQQRDPEAHIKHLLHQRQRRIEE

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

	QKEERRRVEEQQRREREQRKLQEKEQQRRLEDMQALRREEERRQAEREQEYKRK QLEEQRQSERLQRQLQQEHAYLKSLQQQQQQQQLQKQQQQQLLPGDRKPLYHYG RGMNPADKPAWAREVEERTRMNKQQNSPLAKSKPGSTGPEPPIPQASPGPPGPLS QTPPMQRPVEPQEGPHKSLVAHRVPLKPYAAPVPRSQSLQDQPTRNLAAFPASHD PDPAIPAPTATPSARGAVIRQNSDPTSEGPGPSPNPPAWVRPDNEAPPKVPQRTSSI ATALNTSGAGGSRPAQAVRARPRSNSAWQIYLQRRAERGTPKPPGPPAQPPGPPN ASSNPDLRRSDPGWERSDSVLPASHGHLPQAGSLERNRVGASSKLDSSPVLSPGN KAKPDDHRSRPGRPADFVLLKERTLDEAPRPPKKAMDYSSSSEEVESSEDDEEEGE GGPAEGSRDTPGGRSDGDTDSVSTMVVHDVEEITGTQPPYGGGTMVVQRTPEEE RNLLHADSNGYTNLPDVVQPSHSPTENSKGQSPPSKDGSGDYQSRGLVKAPGKSS FTMFVDLGIYQPGGSGDSIPITALVGGEGTRLDQLQYDVRKGSVVNVNPTNTRAHSE TPEIRKYKKRFNSEILCAALWGVNLLVGTENGLMLLDRSGQGKVYGLIGRRRFQQM DVLEGLNLLITISGKRNKLRVYYLSWLRNKILHNDPEVEKKQGWTTVGDMEGCGHY RVVKYERIKFLVIALKSSVEVYAWAPKPYHKFMAFKSFADLPHRPLLVDLTVEEGQRL KVIYGSSAGFHAVDVDSGNSYDIYIPVHIQSQITPHAIIFLPNTDGMEMLLCYEDEGVY VNTYGRIIKDVVLQWGEMPTSVAYICSNQIMGWGEKAIEIRSVETGHLDGVFMHKRA 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.

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

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 kinase 6; serine/threonine protein kinase; mitogen-activated protein kinase 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	

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA