

Active Recombinant Human MINK1 Protein, GST/His-tagged

Cat. No. MINK1-5342H Lot. No. (See product label)

SPECIFICATION

Product Overview	Human MINK1 (NM_015716.3, 1 a.a. - 320 a.a.) full-length recombinant protein with GST-His tag expressed in Sf9 cells.
Species	Human
Source	Insect Cells
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. Alternative splicing occurs at this locus and four transcript variants encoding distinct isoforms have been identified. [provided by RefSeq]
Form	Liquid
Bio-activity	95 pmol/μg x min
Molecular Mass	67.100 kDa
Applications	Functional Study SDS-PAGE

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Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Concentration	0.297 µg/µL
Storage Buffer	In 50 mM Hepes, 100 mM NaCl, pH 7.5. (5 mM DTT, 15 mM reduced glutathione, 20% glycerol)

GENE INFORMATION

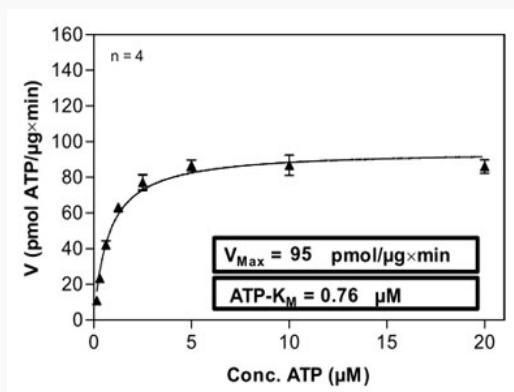
Gene Name	MINK1 misshapen-like kinase 1 [Homo sapiens]
Official Symbol	MINK1
Synonyms	MINK1; misshapen-like kinase 1; misshapen like kinase 1 (zebrafish); B55; MAP4K6; MINK; misshapen/NIK related kinase; YSK2; ZC3; MEKKK 6; MEK kinase kinase 6; GCK family kinase MINK; misshapen/NIK-related kinase; MAPK/ERK kinase kinase 6; serine/threonine protein kinase; mitogen-activated protein kinase kinase kinase 6; hMINK; hMINKbeta; MGC21111;
Gene ID	50488
mRNA Refseq	NM_001024937
Protein Refseq	NP_001020108
MIM	609426
UniProt ID	Q8N4C8

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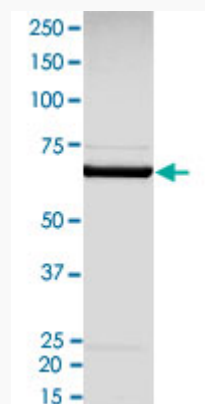
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Result of activity analysis



Quality Control Testing:



2 μg/lane SDS-PAGE Stained with Coomassie Blue

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