

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

Cat. No. NLK-5651H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	NLK MS Standard C13 and N15-labeled recombinant protein (NP_057315) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	NLK (Nemo Like Kinase) is a Protein Coding gene. Among its related pathways are Signaling by GPCR and Regulation of activated PAK-2p34 by proteasome mediated degradation. Gene Ontology (GO) annotations related to this gene include transferase activity, transferring phosphorus-containing groups and protein tyrosine kinase activity. An important paralog of this gene is MAPK7.
Molecular Mass	58.3 kDa
AA Sequence	MSLCGARANAKMMAAYNGGTSAATGHHHHHHHHLPHLPPPHLHHHHHPQHHLH PGSAAVHPVQQHTSSAAAAAAAAAAAAAMLNPGQQQPYFPSPAPGQAPGPAAAA PAQVQAAAAATVKAHHHQHSHHPQQQLDIEPDRPIGYGAFGVVWSVTDPDRDGKRV ALKKMPNVFQNLVSCKRVFRELKMLCFFKHDNVLSALDILQPPHIDYFEEIYVVTELM QSDLHKIIVSPQLSSDHVKVFLYQILRGLKYLHSAGILHRDIKPGNLLVNSNCVLKICD FGLARVEELDESRHMTQEVVTQYYRAPEILMGSRHYSNAIDIWSVGCIFAELLGRRIL FQAQSPIQQLDLITDLLGTPSLEAMRTACEGAKAHILRGPHKQPSLPVLYTLSSQATH EAVHLLCRMLVFDPSKRISAKDALAHPYLDEGRLRYHTCMCKCCFSTSTGRVYTSD

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FEPVTNPKFDDTFEKNLSSVRQVKEIIHQFILEQQKGNRVPLCINPQSAAFKSFISSTV
AQPSEMPPSPLVWETRTRPLEQKLISEEDLAANDILDYKDDDDKV

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.

GENE INFORMATION

Gene Name NLK nemo-like kinase [Homo sapiens (human)]

Official Symbol NLK

Synonyms NLK; nemo-like kinase; nemo like kinase; serine/threonine-protein kinase NLK; FLJ21033; DKFZp761G1211;

Gene ID 51701

mRNA Refseq NM_016231

Protein Refseq NP_057315

MIM 609476

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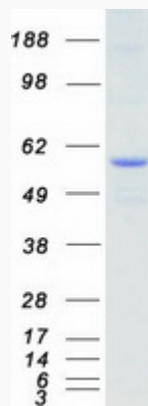
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UniProt ID

Q9UBE8

SDS-PAGE



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