

Recombinant Full Length Human NLK Protein, GST-tagged

Cat. No. NLK-6716HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human NLK full-length ORF (AAH64663.1, 1 a.a. - 515 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	515 amino acids
Description	NLK (Nemo Like Kinase) is a Protein Coding gene. Among its related pathways are Mesodermal Commitment Pathway and Ectoderm Differentiation. 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	82.39 kDa
AA Sequence	MAAYNGGTSAAATGHHHHHHHHLPHLPPPHLHHHHHPQHHLHPGSAAAVHPVQQ HTSSAAAAAAAAAAAAAMLNPGQQQPYFPSPAPGQAPGPAAAAAPAQVQAAAAATV KAHHHQHSHHPQQQLDIEPDRPIGYGAFGVVWSVTDPRDGKRVALKKMPNVFQNL VSCKRVFRELKMLCFFKHNDNLSALDILQPPHIDYFEEIYVVTETLMQSDLHKIIVSPQP LSSDHVKVFLYQILRGLKYLHSAGILHRDIKPGNLLVNSNCVLKICDFGLARVEELDES RHMTQEVVTQYYRAPEILMGSRHYSNAIDIWSVGCIFAELLGRRILFQAQSPIQQQLDLI TDLLGTPSLEAMRTACEGAKAHILRGPHKQPSLPVLYTLSSQATHEAVHLLCRMLVF DPSKRISAKDALAHPYLDEGRRLRYHTCMCKCCFSTSTGRVYTSDFEPVTNPKFDDT

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	FEKNLSSVRQVKEIIHQFILEQQKGNRVPLCINPQSAAFKSFISSTVAQPSEMPSPSLV WE
Applications	Kinase Assay Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	NLK nemo-like kinase [Homo sapiens]
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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UniProt ID

Q9UBE8

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