

Recombinant Human NLK

Cat. No. NLK-28098TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human NLK with an N terminal proprietary tag; 84 kDa inclusive of tag.
Species	Human
Source	Sf9 Cells
ProteinLength	527 amino acids
Description	Role in cell fate determination, required for differentiation of bone marrow stromal cells.
Molecular Weight	84.000kDa inclusive of tags
Biological activity	Specific activity: 2.4 nmol/min/mg
Form	Liquid
Purity	by SDS-PAGE
Storage buffer	Preservative: None Constituents: 25% Glycerol, 50mM Tris HCl, 150mM Sodium chloride, 10mM Glutathione, 0.25mM DTT, 0.1mM EDTA, 0.1mM PMSF, pH 7.5
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.

 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

Sequence Similarities Belongs to the protein kinase superfamily. CMGC Ser/Thr protein kinase family. MAP kinase subfamily. Contains 1 protein kinase domain.

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;

Gene ID 51701

mRNA Refseq NM_016231

Protein Refseq NP_057315

MIM 609476

Uniprot ID Q9UBE8

Chromosome Location 17q11.2

Pathway Adherens junction, organism-specific biosystem; Adherens junction, conserved biosystem; C-MYB transcription factor network, organism-specific biosystem; IL-6 Signaling Pathway, organism-specific biosystem; MAPK signaling pathway, organism-specific biosystem;

Function ATP binding; MAP kinase activity; SH2 domain binding; magnesium ion binding; nucleotide binding;

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