

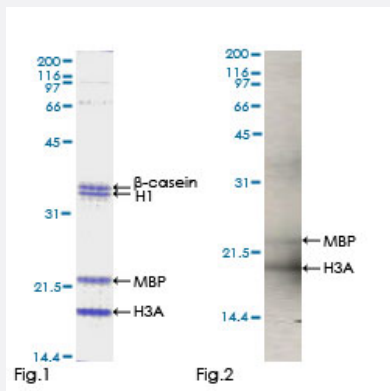
Full-Length

NLK (Human) Recombinant Protein (P01)

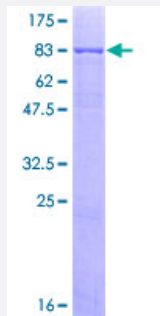
Catalog # H00051701-P01

Size 25 ug, 10 ug

Applications



Kinase Assay



Specification

Product Description

Human NLK full-length ORF (AAH64663.1, 1 a.a. - 515 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence	MAAYNGGTSAAATGHHHHHHHHLPHLPPPHLHHHHHPQHHLHPGSAAAVHPVQQHTSSAAAAA AAAAAAAAMLNPGQQQPYFPSPAPGQAPGPAAAAPAQVQAAAAATVKAHHHQHSHHPQQQLDI EPDRPIGYGAFGVVWSVTDPRDGKRVALKKMPNVFQNLVSCKRVFRELKMLCFFKHNDVLSAL DILQPPHIDYFEEIYVTELMQSDLHKIIVSPQPLSSDHVKVFLYQILRGLKYLHSAGILHRDIKPGNLL VNSNCVLKICDFGLARVEELDESRHMTQE VVTQYRAPEILMGSRHYSNAIDWSVGCIFAELLGR RILFQAQSPIQQQLDLITDLLGTPSLEAMRTACEGAKAHILRGPHKQPSLPVLYTLSSQATHEAVHLL CRMLVFDPSKRISAKDALAHPYLDEGRLRYHTCMCKCCFSTSTGRVYTSDFEPVTNPKFDDTFE KNLSSVRQVKEIIHQFILEQQKGNRVPLCINPQSAAFKSFISSTVAQPSEMPSPPLVWE
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	82.39
Interspecies Antigen Sequence	Mouse (99); Rat (99)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Kinase Assay
[Protocol Download](#)
- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — NLK

Entrez GeneID	51701
GeneBank Accession#	BC064663
Protein Accession#	AAH64663.1
Gene Name	NLK
Gene Alias	DKFZp761G1211, FLJ21033
Gene Description	nemo-like kinase
Omim ID	609476
Gene Ontology	Hyperlink
Other Designations	nemo like kinase

Publication Reference

- [Association of nuclear-localized nemo-like kinase with heat-shock protein 27 inhibits apoptosis in human breast cancer cells.](#)

Shaw-Hallgren G, Chmielarska Masoumi K, Zarri R, Hellman U, Karlsson P, Helou K, Massoumi R.

PLoS One 2014 May; 9(5):e96506.

Application: Pull-Down, Human, MCF7 cells

Pathway

- [Adherens junction](#)
- [MAPK signaling pathway](#)
- [Wnt signaling pathway](#)

Disease

- [Tobacco Use Disorder](#)