

Human NLK Knockdown Cell Lysate

Cat. No. NLK-505HKCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	WB-validated NLK Knockdown HT-1080 Cell Lysate
Species	Human
Source	HT-1080
Description	Enables DNA-binding transcription factor binding activity; protein serine/threonine kinase activity; and ubiquitin protein ligase binding activity. Involved in several processes, including negative regulation of TORC1 signaling; protein stabilization; and transforming growth factor beta receptor signaling pathway. Predicted to be located in cytosol and nucleoplasm. Predicted to be active in cytoplasm and nucleus.
Form	Cell-Tissue Lysis buffer
Molecular Mass	58 kDa
Notes	Instruction of use: This knockdown cell lysate should be paired with wild-type HT-1080 cell lysate for use. For Western blotting, we recommend running wild-type and knockdown lysates on the same gel, and loading each well with equal volume and equal amount of total proteins.
Storage	Store at -20 centigrade for two years.
Concentration	Lot-specific

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Shipping	Blue Ice
Components	1 vial of 100 µg WT HT-1080 cell lysate 1 vial of 100 µg NLK KD HT-1080 cell lysate
Protein Families	Druggable Genome, Protein Kinase, Transcription Factors
Protein Pathways	Adherens junction, MAPK signaling pathway, Wnt signaling pathway
Lysate QC	RT-qPCR; Western Blotting (WB)

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
UniProt ID	Q9UBE8

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