

Human NEK6 Knockdown Cell Lysate

Cat. No. NEK6-376HKCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	WB-validated NEK6 Knockdown HeLa Cell Lysate
Species	Human
Source	HeLa
Description	The protein encoded by this gene is a kinase required for progression through the metaphase portion of mitosis. Inhibition of the encoded protein can lead to apoptosis. This protein also can enhance tumorigenesis by suppressing tumor cell senescence. Several transcript variants encoding a few different isoforms have been found for this gene.
Form	Cell-Tissue Lysis buffer
Molecular Mass	36 kDa
Notes	Instruction of use: This knockdown cell lysate should be paired with wild-type HeLa 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 HeLa cell lysate 1 vial of 100 µg NEK6 KD HeLa cell lysate
Protein Families	Druggable Genome, Protein Kinase
Lysate QC	RT-qPCR; Western Blotting (WB)

GENE INFORMATION

Gene Name	NEK6 NIMA related kinase 6 [Homo sapiens (human)]
Official Symbol	NEK6
Synonyms	NEK6; NIMA related kinase 6; SID6-1512; serine/threonine-protein kinase Nek6; NIMA (never in mitosis gene a)-related kinase 6; never in mitosis A-related kinase 6; nimA-related protein kinase 6; protein kinase SID6-1512; putative serine-threonine protein kinase; EC 2.7.11.34
Gene ID	10783
mRNA Refseq	NM_014397
Protein Refseq	NP_055212
MIM	604884
UniProt ID	Q9HC98

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