Human NEK2 Knockdown Cell Lysate

Cat. No. NEK2-253HKCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	WB-validated NEK2 Knockdown HeLa Cell Lysate
Species	Human
Source	HeLa
Description	This gene encodes a serine/threonine-protein kinase that is involved in mitotic regulation. This protein is localized to the centrosome, and undetectable during G1 phase, but accumulates progressively throughout the S phase, reaching maximal levels in late G2 phase. Alternatively spliced transcript variants encoding different isoforms with distinct C-termini have been noted for this gene.
Form	Cell-Tissue Lysis buffer
Molecular Mass	52 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 NEK2 KD HeLa cell lysate
Protein Families	Druggable Genome, Protein Kinase
Lysate QC	RT-qPCR; Western Blotting (WB)

GENE INFORMATION

Gene Name	NEK2 NIMA (never in mitosis gene a)-related kinase 2 [Homo sapiens (human)]
Official Symbol	NEK2
Synonyms	NEK2; NIMA (never in mitosis gene a)-related kinase 2; serine/threonine-protein kinase Nek2; HsPK 21; NEK2A; NLK1; nimA-like protein kinase 1; nimA-related protein kinase 2; HsPK21;
Gene ID	4751
mRNA Refseq	NM_001204182
Protein Refseq	NP_001191111
MIM	604043
UniProt ID	P51955

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