

Recombinant Human NEK2 cell lysate

Cat. No. NEK2-1183HCL Lot. No. (See product label)

SPECIFICATION

Species	Human
Size	100 ul
Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
Applications	Western Blot;

GENE INFORMATION

Gene Name	NEK2 NIMA (never in mitosis gene a)-related kinase 2 [Homo sapiens]
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

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MIM	604043
UniProt ID	P51955
Chromosome Location	1q32-q42
Pathway	Cell Cycle, organism-specific biosystem; Cell Cycle, Mitotic, organism-specific biosystem; Centrosome maturation, organism-specific biosystem; FOXM1 transcription factor network, organism-specific biosystem; G2/M Transition, organism-specific biosystem; Loss of Nlp from mitotic centrosomes, organism-specific biosystem; Loss of proteins required for interphase microtubule organization??from the centrosome, organism-specific biosystem;
Function	ATP binding; metal ion binding; nucleotide binding; protein binding; protein kinase activity; protein phosphatase binding; protein serine/threonine kinase activity;

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