

Recombinant Human NEK8 cell lysate

Cat. No. NEK8-1184HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Description	This gene encodes a member of the serine/threonine protein kinase family related to NIMA (never in mitosis, gene A) of <i>Aspergillus nidulans</i> . The encoded protein may play a role in cell cycle progression from G2 to M phase. Mutations in the related mouse gene are associated with a disease phenotype that closely parallels the juvenile autosomal recessive form of polycystic kidney disease in humans.
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	NEK8 NIMA (never in mitosis gene a)- related kinase 8 [<i>Homo sapiens</i>]
Official Symbol	NEK8
Synonyms	NEK8; NIMA (never in mitosis gene a)- related kinase 8; serine/threonine-protein kinase Nek8; NPHP9; nephrocystin 9; NIMA-family kinase NEK8; NIMA-related kinase 12a; nimA-related protein kinase 8; nima-related protein kinase 12a; never in

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	mitosis A-related kinase 8; serine/threonine-protein kinase NEK8; JCK; NEK12A; MGC138445;
Gene ID	284086
mRNA Refseq	NM_178170
Protein Refseq	NP_835464
MIM	609799
UniProt ID	Q86SG6
Chromosome Location	17q11.1
Function	ATP binding; metal ion binding; nucleotide binding; protein serine/threonine kinase activity;

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