

Recombinant Human NEK7

Cat. No. NEK7-28259TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length NEK7 protein (Human), was expressed by baculovirus in Sf9 insect cells using a N-terminal tag, MW 63kDa.
Species	Human
Description	NIMA-related kinases share high amino acid sequence identity with the gene product of the Aspergillus nidulans never in mitosis A gene, which controls initiation of mitosis.
Tissue specificity	Highly expressed in lung, muscle, testis, brain, heart, liver, leukocyte and spleen. Lower expression in ovary, prostate and kidney. No expression seen in small intestine.
Form	Liquid
Purity	>90% by SDS-PAGE
Storage buffer	Preservative: None Constituents: 25% Glycerol, 50mM Tris HCl, 150mM Sodium chloride, 0.25mM DTT, 0.1mM EGTA, 0.1mM EDTA, 0.1mM PMSF, pH 7.5
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
Sequence Similarities	Belongs to the protein kinase superfamily. NEK Ser/Thr protein kinase family. NIMA subfamily. Contains 1 protein kinase domain.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Full Length
Full L.

GENE INFORMATION

Gene Name	NEK7 NIMA (never in mitosis gene a)-related kinase 7 [Homo sapiens]
Official Symbol	NEK7
Synonyms	NEK7; NIMA (never in mitosis gene a)-related kinase 7; serine/threonine-protein kinase Nek7;
Gene ID	140609
mRNA Refseq	NM_133494
Protein Refseq	NP_598001
MIM	606848
Uniprot ID	Q8TDX7
Chromosome Location	1q31.3
Function	ATP binding; metal ion binding; nucleotide binding; protein serine/threonine kinase activity;

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