Recombinant Human NEK6

Cat. No. NEK6-29622TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length NEK6 protein (Human), was expressed by baculovirus in Sf9 insect cells using a N-terminal tag, MW 63kDa.
Species	Human
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.
Tissue specificity	Ubiquitous, with highest expression in heart and skeletal muscle.
Form	Liquid
Purity	>90% by SDS-PAGE
Storage buffer	Preservative: NoneConstituents: 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.

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Full Length	Full L.

GENE INFORMATION

Gene Name	NEK6 NIMA (never in mitosis gene a)-related kinase 6 [Homo sapiens]
Official Symbol	NEK6
Synonyms	NEK6; NIMA (never in mitosis gene a)-related kinase 6; serine/threonine-protein kinase Nek6; putative serine threonine protein kinase; SID6 1512;
Gene ID	10783
mRNA Refseq	NM_001145001
Protein Refseq	NP_001138473
MIM	604884
Uniprot ID	Q9HC98
Chromosome Location	9q33.3-q34.11
Function	ATP binding; kinesin binding; magnesium ion binding; nucleotide binding; protein binding;

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