

Recombinant Human NEK7 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. NEK7-1323H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	NEK7 MS Standard C13 and N15-labeled recombinant protein (NP_598001) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	NIMA-related kinases share high amino acid sequence identity with the gene product of the <i>Aspergillus nidulans</i> 'never in mitosis A' gene, which controls initiation of mitosis.
Molecular Mass	34.4 kDa
AA Sequence	MDEQSQGMQGPPVPQFQPQKALRPDMGYNTLANFRIEKKIGRGQFSEVYRAACLL DGV PVALKKVQIFDLMDAKARADCIKEIDLLKQLNHPNVIKYYASFIEDNELNIVLELAD AGDL SRMIKHFKKQKRLIPERTVWKYFVQLCSALEHMSRRVMHRDIKPANVFITAT GVVKLGDLGLGRFFSSKTTAAHSLVGTPYYMSPERIHENGYNFKSDIWSLGCLLYEM AALQSPFYGDKMNLVSLCKKIEQCDYPLPSDHYSEELRQLVNM CINPDPEKRPDVT YVYDVAKRMHACTASSTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.

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Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	NEK7 NIMA related kinase 7 [Homo sapiens (human)]
Official Symbol	NEK7
Synonyms	NEK7; NIMA (never in mitosis gene a)-related kinase 7; serine/threonine-protein kinase Nek7; nimA-related protein kinase 7; never in mitosis A-related kinase 7;
Gene ID	140609
mRNA Refseq	NM_133494
Protein Refseq	NP_598001
MIM	606848
UniProt ID	Q8TDX7

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SDS-PAGE

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