

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 DGVPVALKKVQIFDLMDAKARADCIKEIDLLKQLNHPNVIKYYASFIEDNELNIVLELAD AGDLSRMIKHFKKQKRLIPERTVWKYFVQLCSALEHMHSRRVMHRDIKPANVFITAT GVVKLGDGLGRFFSSKTTAAHSLVGTPYYMSPERIHENGYNFKSDIWSLGCCLLYEM AALQSPFYGDKMNLVSLCKKIEQCDYPLPSDHYSEELRQLVNMCIINPDPEKRPDVT 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.

 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

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

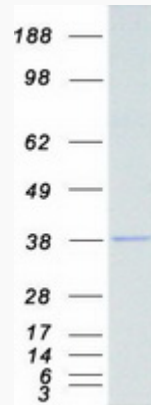
UniProt ID Q8TDX7

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SDS-PAGE



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