

Recombinant Human NEK6 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. NEK6-4335H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	NEK6 MS Standard C13 and N15-labeled recombinant protein (NP_055212) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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.
Molecular Mass	35.7 kDa
AA Sequence	MAGQPGHMPHGGSSNNLCHTLGPVHPPDPQRHPNTLSFRCSLADFQIEKKIGRGQ FSEVYKATCLLDRKTVALKKVQIFEMMDAKARQDCVKEIGLLKQLNHPNIIKYLDSFIE DNELNIVLELADAGDLSQMIKYFKKQKRLIPERTVWKYFVQLCSAVEHMHSSRRVMHR DIKPANVFITATGVVKLGDLGLGRFFSSETTAHSLVGTPTYMSPERIHENGYNFKSD IWSLGCLLYEMAALQSPFYGDKMNLFSLCQKIEQCDYPPLPGEHYSEKLRRLVSMCI CPDPHQRPDIGYVHQVAKQMHIWMSSTTRTRPLEQKLISEEDLAANDILDYKDDDDK V
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

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

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

Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
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	NEK6 NIMA related kinase 6 [Homo sapiens (human)]
Official Symbol	NEK6
Synonyms	NEK6; NIMA (never in mitosis gene a)-related kinase 6; SID6-1512;
Gene ID	10783
mRNA Refseq	NM_014397
Protein Refseq	NP_055212
MIM	604884
UniProt ID	Q9HC98

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SDS-PAGE

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