

Recombinant Human NEK9 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. NEK9-2902H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	NEK9 MS Standard C13 and N15-labeled recombinant protein (NP_149107) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes a member of the NimA (never in mitosis A) family of serine/threonine protein kinases. The encoded protein is activated in mitosis and, in turn, activates other family members during mitosis. This protein also mediates cellular processes that are essential for interphase progression.
Molecular Mass	107.2 kDa
AA Sequence	MSVLGEYERHCDSINSDFGSESGGCGDSSPGPSASQGPRAGGGAAEQEELHYIPIR VLGRGAFGEATLYRRTEDDSL VVWKEVDLTRLSEKERRDALNEIVILALLQHDNIIAY YNHFMDNTTLLIELEYCNGGNLYDKILRQKDKLFEEEMVWYLFQIVSAVSCIHKAGI LHRDIKTLNIFLTKANLIKLDYGLAKKLNSEYSMAETLVGTPYYMSPELCQGVKYNF KSDIWAVGCVIFELLTLKRTFDATNPLNLCVKIVQGIRAMEVDSSQYSLELIQM VHSCL DQDPEQRPTADELLDRPLLRRRREMEEKVTLLNAPTKRPRSSTVTEAPIAVVTSRT SEVYVWGGGKSTPQKLDVIKSGCSARQVCAGNTHFAVVTEKELYTWVNMQGGTK LHGQLGHGDKASYRQPKHVEKLQGKAIRQVSCGDDFTVCVTDEGQLYAFGSDYYG CMGVDKVAGPEVLEPMQLNFFLSNPVEQVSCGDNHVVVLTRNKEVYSWGCGEYG

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RLGLDSEEDYYTPQKVDVPKALIIVAVQCGCDGTFLTQSGKVLACGLNEFNKLGLN
 QCMGSIINHEAYHEVPYTTSFTLAKQLSFYKIRTIAPGKTHTAIDERGRLLTFGCNKC
 GQLGVGNYYKKRLGINLLGGPLGGKQVIRVSCGDEFTIAATDDNHIFAWGNNGNGRL
 AMTPTERPHGSDICTSWPRPIFGSLHHVPDLSCRGWHTILIVEKVLNSKTIRSNSSGL
 SIGTVFQSSSPGGGGGGGGGEEEDSQQESETPDPSSGGFRGTMEADRGMEGLISP
 TEAMGNSNGASSSCPGWLRKELENAEFIPMPDPSPLSAAFSESEKDTLPYEELQG
 LKVASEAPLEHKPQVEASSPRLNPAVTCAGKGTPLTPACACSSLQVEVERLQGLVL
 KCLAEQQKLQQENLQIFTQLQKLNKKLEGGQQVGMHSGTQTAKMEMMDPKPDL
 DSDSWCLLGTDCRPSLTRTRPLEQKLISEEDLAANDILDYKDDDDKV

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.

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 [NEK9 NIMA related kinase 9 \[Homo sapiens \(human\) \]](#)

Official Symbol [NEK9](#)

Synonyms NEK9; NIMA (never in mitosis gene a)- related kinase 9; serine/threonine-protein kinase Nek9; DKFZp434D0935; MGC16714; Nek8; NERCC; nercc1 kinase; nimA-related kinase 8; NIMA-related kinase Nek8; nimA-related protein kinase 9; never in mitosis A-related kinase 9; NERCC1; MGC138306;

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Gene ID	91754
mRNA Refseq	NM_033116
Protein Refseq	NP_149107
MIM	609798
UniProt ID	Q8TD19
SDS-PAGE	