

Recombinant Full Length Human NEK9 Protein, Flag tagged

Cat. No. NEK9-33HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant protein of human NIMA (never in mitosis gene a)- related kinase 9 (NEK9) with Flag tag was expressed in HEK293.
Species	Human
Source	HEK293T
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.
Form	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Molecular Mass	107 kDa
AASequence	MSVLGEYERHCDSINSDFGSESGGCGDSSPGPSASQGPRAGGGAAEQEELHYIPIR VLGRGAFGEATLYRRTEDDSL VVWKEVDLTRLSEKERRDALNEIVILALLQHDNIIAY YNHFMDNTLLIELEYCNGGNLYDKILRQKDKLFEEEMVVWYLFQIVSAVSCIHKAGI LHRDIKTLNIFLTKANLIKLDYGLAKKLNSEYSMAETLVGTPYYMSPELCQGVKYNF KSDIWAVGCVIFELLTLKRTFDATNPLNLCVKIVQGIRAMEVDSSQYSLELIQMVHSCL DQDPEQRPTADELLDRPLLKRRREMEEEKVTLLNAPTKRPRSSTVTEAPIAVVTSRT SEVYVWGGGKSTPQKLDVIKSGCSARQVCAGNTHFAVVTVEKELYTWVNMQGGTK LHGQLGHGDKASYRQPKHVEKLQGKAIRQVSCGDDFTVCVTDEGQLYAFGSDYYG CMGVDKVAGPEVLEPMQLNFFLSNPVEQVSCGDNHVVVLTRNKEVYSWGCGEYG

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RLGLDSEEDYYTPQKVDVPKALIIVAVQCGCDGTFLLTQSGKVLACGLNEFNKLGLN
 QCMGSIINHEAYHEVPYTTSFTLAKQLSFYKIRTIAPGKTHTAIDERGRLLTFGCNKC
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 KCLAEQQKLQQENLQIFTQLQKLNKKLEGGQQVGMHSGKTQTAKEEMEMDPKPD
 L DSDSWCLLGTDCRPSLTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Notes	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage	Store at -80 centigrade. Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Concentration	> 0.05 µg/µL as determined by microplate BCA method

GENE INFORMATION

Gene Name	NEK9 NIMA (never in mitosis gene a)- 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; nimaA-related protein kinase 9; never in mitosis A-related kinase 9; NERCC1; MGC138306

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Gene ID 91754

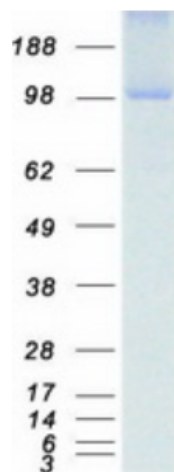
mRNA Refseq NM_033116

Protein Refseq NP_149107

MIM 609798

UniProt ID Q8TD19

SDS-PAGE



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