

Product datasheet for TP311326

NEK9 (NM_033116) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins
Description: Recombinant protein of human NIMA (never in mitosis gene a)- related kinase 9 (NEK9), 20 µg
Species: Human
Expression Host: HEK293T
Expression cDNA Clone or AA Sequence: >RC211326 protein sequence
Red=Cloning site Green=Tags(s)

MSVLGEYERHCDSINSDFGSESGGCGDSSPGPSASQGPRAAGGAAEQEELHYIPIRVLGRGAFGEATLYR
 RTEDDSLWVWKEVDLTRLSEKERRDALNEIVILALLQHDNIIAYYNHFMNDNTLLIELEYCNGGNLYDKI
 LRQKDKLFEEMVWYLFQIVSAVSCIHKAGILHRDIKTLNIFLTKANLIKLDYGLAKKLNSEYSMAET
 LVGTPYYMSPELCQGVKYNFKSDIWAVGCVIFELLTKRTFDATNPLNLCVKIVQGIRAMEVDSSQYSLE
 LIQMVHSCLDQDPEQRPTADELLDRPLLKRREEMEEKVLLNAPTAKRPRSSVTTEAPIAVVTSRTSEVY
 VWGGGKSTPQKLDVIKSGCSARQVCAGNTHFAVVTVEKELYTWNMQGGTKLHGQLGHGDKASYRQPKHV
 EKLQGKAIRQVSCGDDFTVCVTDEGQLYAFGSDYYGCMGVDKVAGPEVLEPMQLNFFLSNPVEQVSCGDN
 HVVVLRNKEVYSWGCGEYGRGLDSEEDYTPQKVDVPAKLIIVAVQC CGDGTFLLTQSGKVLACGLNE
 FNKGLNQCMSGIINHEAYHEVPYTTSTFLAKQLSFYKIRTIAPGKTHAAIDERGRLLTFGCNCKGQLG
 VGNYYKRLGINLLGGPLGGKQVIRVSCGDEFTIAATDDNHIFAWGNGGNGRLAMTPTERPHGSDICTSWP
 RPIFGSLHHVVDLSCRGWHTLIVEKVLNSKTIRSNSGLSIGTVFQSSSPGGGGGGGGGEEEDSQQESE
 TPDPSGGFRGTMEADRGMEGLISPTTEAMGNSNGASSSCPGWLRKELENAEFIPMPDPSPLSAAFSESEK
 DTLPEELQGLKVASEAPLEHKPQVEASSPRLNPAVTCAGKGTPLTPACACSSLQVEVERLQGLVLKCL
 AEQQKLQENLQIFTQLQKLNKKLEGGQQVGMHSGTQTAKKEEMMDPKPDLSDSWCLLGTDSRPSL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

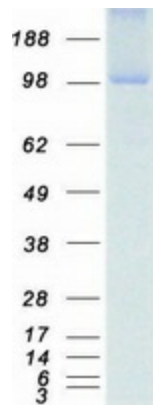
Tag: C-Myc/DDK
Predicted MW: 107 kDa
Concentration: >0.05 µg/µL as determined by microplate BCA method
Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation: Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.



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Note:	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°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_149107
Locus ID:	91754
UniProt ID:	Q8TD19 , Q6PKF2
RefSeq Size:	5560
Cytogenetics:	14q24.3
RefSeq ORF:	2937
Synonyms:	APUG; LCCS10; NC; NERCC; NERCC1
Summary:	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. [provided by RefSeq, Jul 2016]
Protein Families:	Druggable Genome, Protein Kinase

Product images:



Coomassie blue staining of purified NEK9 protein (Cat# TP311326). The protein was produced from HEK293T cells transfected with NEK9 cDNA clone (Cat# [RC211326]) using MegaTran 2.0 (Cat# [TT210002]).