

## Product datasheet for TP311326M

### 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), 100 µg  
**Species:** Human  
**Expression Host:** HEK293T  
**Expression cDNA Clone or AA Sequence:** >RC211326 protein sequence  
Red=Cloning site Green=Tags(s)

MSVLGEYERHCDSINSDFGSESGGCGDSSPGPSASQGPRAAGGAAEQEELHYPIRVLGRGAFGEATLYR  
 RTEDDSLWVWKEVDLTRLSEKERRDALNEIVILALLQHDNIIAYYNHFMNDNTLLIELEYCNGGNLYDKI  
 LRQKDKLFEEMVWYLFQIVSAVSCIHKAGILHRDIKTLNIFLTKANLIKLDYGLAKKLNSEYSMAET  
 LVGTPYYMSPELCQGVKYNFKSDIWAVGCVIFELLTKRTFDATNPLNLCVKIVQGIRAMEVDSSQYSLE  
 LIQMVHSCLDQDPEQRPTADELLDRPLLKRREEMEEKVTLNAPTKRPRSSTVTEAPIAVVTSRTSEVY  
 VWGGGKSTPQKLDVIKSGCSARQVCAGNTHFAVVTVEKELYTWVNMQGGTKLHGQLGHGDKASYRQPKHV  
 EKLQGKAIRQVSCGDDFTVCVTDEGQLYAFGSDYYGCMGVDKVAGPEVLEPMQLNFFLSNPVEQVSCGDN  
 HVVVLRNKEVYSWGCGEYGRGLDSEEDYTPQKVDVPAKALIVAVQCDCGDTFLLTQSGKVLACGLNE  
 FNKGLNQCMSGIINHEAYHEVPYTTSTFLAKQLSFYKIRTIAPGKTHAAIDERGRLLTFGCNCKGQLG  
 VGNYYKRLGINLLGGPLGGKQVIRVSCGDEFTIAATDDNHIFAWGNGGNGRLAMTPTERPHGSDICTSWP  
 RPIFGSLHHVVDLSCRGWHTLIVEKVLNSKTIRSNSGLSIGTVFQSSSPGGGGGGGGGEEEDSQQESE  
 TPDPSGGFRGTMEADRGMEGLISPTTEAMGNSNGASSSCPGWLRKELENAEFIPMPDPSPLSAAFSESEK  
 DTLPEELQGLKVASEAPLEHKPQVEASSPRLNPAVTCAGKGTPLTPACACSSLQVEVERLQGLVLKCL  
 AEQQKLQENLQIFTQLQKLNKKLEGGQQVGMHSGTQTAKEEMEMDPKPDLDSDSWCLLGTDCRPSL

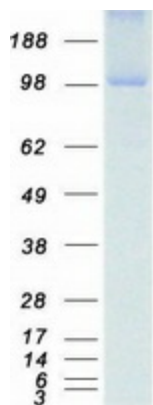
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**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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<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C.
<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_149107</a>
<b>Locus ID:</b>	91754
<b>UniProt ID:</b>	<a href="#">Q8TD19</a> , <a href="#">Q6PKF2</a>
<b>RefSeq Size:</b>	5560
<b>Cytogenetics:</b>	14q24.3
<b>RefSeq ORF:</b>	2937
<b>Synonyms:</b>	APUG; LCCS10; NC; NERCC; NERCC1
<b>Summary:</b>	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]
<b>Protein Families:</b>	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]).