

## Product datasheet for PH311326

### NEK9 (NM\_033116) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	NEK9 MS Standard C13 and N15-labeled recombinant protein (NP_149107)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC211326
Predicted MW:	107.2 kDa
Protein Sequence:	>RC211326 protein sequence Red=Cloning site Green=Tags(s)

MSVLGEYERHCDSINSDFGSESGCGDSSPGPSASQGPFRAGGAAEQEELHYIPIRVLGRGAFGEATLYR  
RTEDDSLIVVWKEVDLTRLSEKERRDALNEIVILALLQHDNIIAYYNHFMNTLLIELEYCNGGNLYDKI  
LRQKDKLFEEEMVWYLFQIVSAVSCIHKAGILHRDIKTLNIFLTKANLIKLDYGLAKLNSEYSMAET  
LVGTPYYMSPQLCQGVKYNFKSDIWAAGCVIFELLTLKRTFDATNPLNLCVKIVQGIRAMEVDSSQYSLE  
LIQMVHSCLDQDPEQRPTADELLDRPLLKRREEMEEKVTLNAPTQRPRSTVTEAPIAVVTSRTSEVY  
VWGGGKSTPQKLDVIKSGCSARQVCAGNTHFAVVTVEKELYTWVNMQGGTKLHGQLGHGDKASYRQPKHV  
EKLQGKAIRQVSCGDDFTVCVTDEGQLYAFGSDYYGCMGVKAVAGPEVLEPMQLNFFLSNPVEQVSCGDN  
HVVVLTRNKEVYSWGCGEYGRGLDSEEDYYTPQKVDVPKALIIIVAVQCGCDGTFLLTQSGKVLACGLNE  
FNKLGQKMSGIINHEAYHEVPYTTSTFLAKQLSFYKIRTIAPGKTHAAIDERGRLLTFGCNKCQQLG  
VGNYYKRLGINLLGGPLGGKQVIRVSCGDEFTIAATDDNHIFAWGNGGNGRLAMTPTERPHGSDICTSWP  
RPIFGSLHHVDPDLSCRGWHTILIVEKVLNSKTIKRSNSSLIGTVFQSSSPGGGGGGGGGEEEDSQESE  
TPDPSGGFRGTMEADRGMEGLISPTTEAMGNSNGASSSCPGLRKELENAEFIPMPDPSPLSAAFSESEK  
DTLPYEELQGLKVAEAPLEHKPQVEASSPRLNPVTCAGKGTPLTPACACSSLQVEVERLQGLVLKCL  
AEQQLQENLQIFTLQQLNKKLEGGQVGMHSGKTQTAKEEMEMDPKPDLDSDSWCLLGTDSRPSL

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>4</sub> ]-L-Arginine and [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>2</sub> ]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.



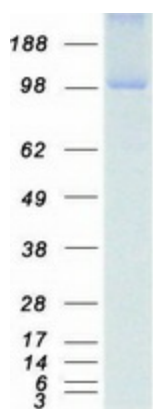
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RefSeq: [NP\\_149107](#)  
RefSeq Size: 5560  
RefSeq ORF: 2937  
Synonyms: APUG; LCCS10; NC; NERCC; NERCC1  
Locus ID: 91754  
UniProt ID: [Q8TD19](#), [Q6PKF2](#)  
Cytogenetics: 14q24.3

**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]).