

## Product datasheet for TP321953L

### NEK11 (NM\_024800) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human NIMA (never in mitosis gene a)- related kinase 11 (NEK11), transcript variant 1, 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC221953 representing NM_024800 Red=Cloning site Green=Tags(s)

MLKFQEAACVSGSTAISTYPKTLIARRYVLQQLGSGSFGTVYLVSDKKAKRGEELKVLKEISVGELNP  
NETVQANLEAQLLSKLDHPAIVKFHASFVEQDNFCIITEYCEGRDLDDKIQEYKQAGKIFPENQIIEWFI  
QLLLGVDYMHERRILHRDLKSKNVFLKNLLKIGDFGVSRLMGSCDLATTLTGTPHYMSPEALKHQGYD  
TKSDIWSLACILYEMCCMNHAFAGSNFLSIVLKIVEGDTPSLPERYPKELNAIMESMLNKNPSLRPSAIE  
ILKIPYLDEQLQNLDCRYSEMTLEDKNLDCQKEAAHIINAMQKRIHLQTLRALSEVQKMTPRERMRLRKL  
QAADEKARKLKKIVEEKYEENSKRMQELRSRNFQQLSVDVLHEKTHLKGMEEKKEEQPEGRLSCSPQDEDE  
ERWQGREESDEPTLENLPESQPIPSMDLHELESIVEDATSDLGHEIPEDPLVAEEYADAFDSYCVES  
DEEEEEIALERPEKEIRNEGSQPAYRTNQQDSIEALARCLENVLGCTSLDTKTITMAEDMSPGPIFIN  
SVMARTKMKRMRESAMQKLGTEVFEEVYNLYLKRARHQNAEAEIRECLEKVVPQASDCFEVDQLLYFEEQ  
LLITMGKEPTLQNH

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	74 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.
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.



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**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\\_079076](#)

**Locus ID:** 79858

**UniProt ID:** [Q8NG66](#), [B4DM56](#)

**RefSeq Size:** 2939

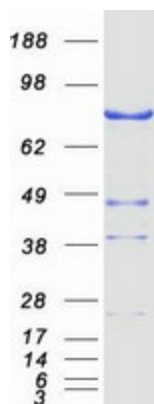
**Cytogenetics:** 3q22.1

**RefSeq ORF:** 1935

**Summary:** This gene encodes a member of the never in mitosis gene A family of kinases. The encoded protein localizes to the nucleoli, and may function with NEK2A in the S-phase checkpoint. The encoded protein appears to play roles in DNA replication and response to genotoxic stress. Alternatively spliced transcript variants have been described.[provided by RefSeq, Mar 2009]

**Protein Families:** Druggable Genome, Protein Kinase

### Product images:



Coomassie blue staining of purified NEK11 protein (Cat# [TP321953]). The protein was produced from HEK293T cells transfected with NEK11 cDNA clone (Cat# [RC221953]) using MegaTran 2.0 (Cat# [TT210002]).