

Product datasheet for PH321953

NEK11 (NM_024800) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	NEK11 MS Standard C13 and N15-labeled recombinant protein (NP_079076)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC221953
Predicted MW:	74 kDa
Protein Sequence:	>RC221953 representing NM_024800 Red=Cloning site Green=Tags(s)

MLKFQEAACVSGSTAISTYPKTLIARRYVLQQKLGSGSFGTVYLVSDKKAKRGEELKVLKEISVGELNP
NETVQANLEAQLLSKLDHPAIVKFHASFVEQDNFCIITEYCEGRDLDDKIQEYKQAGKIFPENQIIEWFI
QLLLGVDYMHERRILHRDLKSKNVFLKNNLLKIGDFGVSRLLMGSCDLATTLTGTPHYMSPEALKHQGYD
TKSDIWSLACILYEMCCMNHAFAGSNFLSIVLKIIEGDTPLPERYPKELNAIMESMLNKNPSLRPSAIE
ILKIPYLDEQLQNLRCRYSEMTELDKNLDCQKEAAHIINAMQKRIHLQTLRALSEVQKMPREMRRLKRL
QAADEKARKLKKIVEEKYEENSKRMQELRSRNFQQLSVDVLHEKTHLKGMEKEEQPEGRLSCSPQDEDE
ERWQGREEESDEPTLENLPESQPIPSMDLHELESIVEDATSDLYHEIPEDPLVAEEYYADAFDSYCVES
DEEEEEEIALERPEKEIRNEGSQPAYRTNQDSDIEALARCLENVLGTSLDTKTITMAEDMSPGPIFN
SYMARTMKMRRESAMQKLGTEVFEEVYNYLKRARHQNASEAIRECLEKVVPQASDCFEVDQLLYFEEQ
LLITMGKEPTLQNLH

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

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- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-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.
RefSeq:	NP_079076
RefSeq Size:	2939



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RefSeq ORF: 1935

Locus ID: 79858

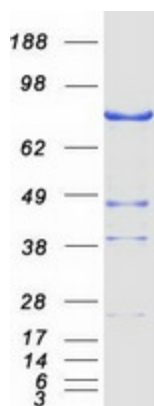
UniProt ID: [Q8NG66](#), [B4DM56](#)

Cytogenetics: 3q22.1

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]).