

Product datasheet for PH327083

NEK6 (NM_001145001) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	NEK6 MS Standard C13 and N15-labeled recombinant protein (NP_001138473)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC227083
Predicted MW:	39.7 kDa
Protein Sequence:	>RC227083 representing NM_001145001 Red=Cloning site Green=Tags(s) MPRREVCWEAAHFRQEEQSLPRPRVRALVRLACRMAGQPGHMPHGGSSNNLCHTLGPVHPPDPQRHPNTL SFRCSLADFQIEKKIGRGQFSEVYKATCLLDRKTVALKKQVQIFEMMDAKARQDCVKEIGLLKQLNHPNII KYLDSFIEDNELNIVLELADAGDLSQMIKYFKKQKRLIPERTVWKYFVQLCSAVEHMHSRRVMHRDIKPA NVFITATGVVKGDLGLGRFFSSETTAAHSLVGTPIYMSPERIHENGYNFKSDIWSLGCLLYEMAALQSP FYGDKMNLFLSCQKIEQCDYPPPLPGEHYSEKLRELVSMCICDPHQRPDIQYVHVQVAKQMHIWMSST 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- 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_001138473
RefSeq ORF:	1041
Synonyms:	SID6-1512
Locus ID:	10783
UniProt ID:	Q9HC98



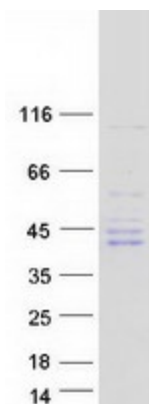
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Cytogenetics: 9q33.3

Summary: The protein encoded by this gene is a kinase required for progression through the metaphase portion of mitosis. Inhibition of the encoded protein can lead to apoptosis. This protein also can enhance tumorigenesis by suppressing tumor cell senescence. Several transcript variants encoding a few different isoforms have been found for this gene. [provided by RefSeq, Oct 2011]

Protein Families: Druggable Genome, Protein Kinase

Product images:



Coomassie blue staining of purified NEK6 protein (Cat# [TP327083]). The protein was produced from HEK293T cells transfected with NEK6 cDNA clone (Cat# [RC227083]) using MegaTran 2.0 (Cat# [TT210002]).