

## Product datasheet for PH311857

### NEK7 (NM\_133494) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	NEK7 MS Standard C13 and N15-labeled recombinant protein (NP_598001)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC211857
Predicted MW:	34.4 kDa
Protein Sequence:	>RC211857 representing NM_133494 Red=Cloning site Green=Tags(s)  MDEQSQGMQGPVPVQFQPQKALRPDMGYNTLANFRIEKKIGRGQFSEVYRAACLDDGVPVALKKVQIFDL MDAKARADCIKEIDLKQLNHPNVIKYYASFIEDNELNIVLELADAGDLSRMIKHFKKQKRLIPERTVWK YFVQLCSALEHMHSRRVMHRDIK PANVFITATGVVKLGDGLGRFFSSKTTAAHSLVGTPPYMSPERIHE NGYNFKSDIWSLGCLLYEMAALQSPFYGDKMNL YSLCKKIEQCDYPLPSDHYSEELRQLVNMCIINPDPE KRPDVTYVYDVAKRMHACTASS  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.
RefSeq:	<a href="#">NP_598001</a>
RefSeq Size:	1072
RefSeq ORF:	906
Locus ID:	140609
UniProt ID:	<a href="#">Q8TDX7</a> , <a href="#">B2R8K8</a>



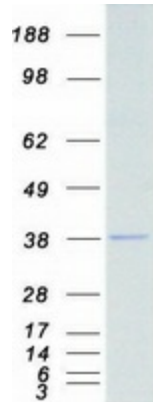
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Cytogenetics: 1q31.3

Summary: NIMA-related kinases share high amino acid sequence identity with the gene product of the *Aspergillus nidulans* 'never in mitosis A' gene, which controls initiation of mitosis.[supplied by OMIM, Jul 2002]

Protein Families: Druggable Genome, Protein Kinase

### Product images:



Coomassie blue staining of purified NEK7 protein (Cat# [TP311857]). The protein was produced from HEK293T cells transfected with NEK7 cDNA clone (Cat# [RC211857]) using MegaTran 2.0 (Cat# [TT210002]).