

## Product datasheet for PH309317

### KANK4 (NM\_181712) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	KANK4 MS Standard C13 and N15-labeled recombinant protein (NP_859063)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC209317
Predicted MW:	107.3 kDa
Protein Sequence:	>RC209317 protein sequence Red=Cloning site Green=Tags(s)

MEKTDADKQSSQGDEEKDPPKSHPYSVETPYGFHLDLDFLKYVDDIEKGNTIKRIPIHRRAKQAKFSTLP  
RNFSLPDSGARPPAAPPLQNWSPVVPREASLGTQEQNSPPLGNAPQASTSRSEVSYHRKALLAEATRQL  
EAAEPEDAELTFGSRPQLLRASSMPATLLHSRASEEPLSLGPPAPPALPPLQEGSVCDGTFEPAEGL  
AGFHSSSPRASTRIPELVQEGAEPPEGVKVPNHLPLGPPFSFQNVLVLEDEKEDHNAEAELVFTPG  
SPTSPPPPLPSIPENELLEEIELNISEIPPPPPVEVDMRSIGIRVTEESLGLARVDPGSISSLKQQVS  
ALEGELSGRTEELAQVRTALQQQEEEIKAREQRIRELEF TVAQLEGQFHQENAKDTQGQTDVMVNTDPVH  
GLLTRESCDKGIEVNLLGSMESSEWGHGEENLLWGPDGHKQGNQSPAERVLLPQLSLPQGPQVLTSS  
VHSFSLSTELRIEEAGTEQEGGPQGGTRGAGGFLWGS DRKTPPAGREETSSNLPGKEHPGRPPSSPTDATI  
GQYVKKIQELLQEQWNCLHEGYPELASAIKQPASKLSSIQSLLSSLNLLLSAYSAQAHPKPEPPASSSS  
PPVEISPSTSLKSIMKKDYGFRAGNGTKKNLQFVGVNGGYETTSEEETSGEDSTPEDLSDSEAEKCD  
GPDHKHVKDAHLTCEAGQGIPEGTCHAAQESGPGEVPHSKAERYKPEEFLNACRALSQHLPETGTTTD  
QLLRQSLNTISQEWFRVSSRKSSSPAVVASYLHEVQPHSPHFLKLLVNLADRNGNTALHYSVSHSNFSIA  
KLLLETGVCNVDHQNKAGYTAVMITPLASAE TNEDMAVVWKLREGNVNIQATQGGQTALMLGVSHDRED  
MVQALLSCQADVNLQDHGSSALMLACHHGNDLVRLLLAHPACDSSLTDKAGRTALSIALKSPHMEIA  
GLLRAHAEQGRSLGL

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

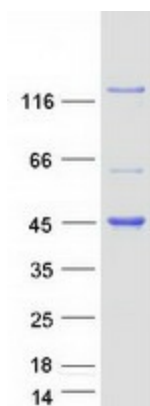
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>4</sub> ]-L-Arginine and [U- <sup>13</sup> C <sub>6</sub> , <sup>15</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.



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Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<a href="#">NP_859063</a>
RefSeq Size:	5477
RefSeq ORF:	2985
Synonyms:	ANKRD38; dj1078M7.1
Locus ID:	163782
UniProt ID:	<a href="#">Q5T7N3</a>
Cytogenetics:	1p31.3
Summary:	May be involved in the control of cytoskeleton formation by regulating actin polymerization. [UniProtKB/Swiss-Prot Function]

### Product images:



Coomassie blue staining of purified KANK4 protein (Cat# [TP309317]). The protein was produced from HEK293T cells transfected with KANK4 cDNA clone (Cat# [RC209317]) using MegaTran 2.0 (Cat# [TT210002]).