

## Product datasheet for PH304403

### MAP4K6 (MINK1) (NM\_153827) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	MINK1 MS Standard C13 and N15-labeled recombinant protein (NP_722549)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC204403
Predicted MW:	149.6 kDa
Protein Sequence:	>RC204403 representing NM_153827 Red=Cloning site Green=Tags(s)

MGDPAPARSLDDIDL SALRDPAGIFELVEVVGNGTYGQVYKGRHVKTGQLAAIKVMDVTEDEEEEEIKQEI  
NMLKKYSHRNIATYYGAFIKKSPGNDDQLWL VMEFCGAGSVTDLVKNTKGNALKEDCIAIYICREILRG  
LAHLHAHKVIHRDIKQNVLLTENA EVKL VDFGVSAQLDRTVGRNRTFIGTPYWM APEVIACDENPDATY  
DYRSDIWSLGITAIEMAEGAPPLCDMHPMRALFLIPRNP PRLKSKKWSKKFIDFIDTCLIKTYLSRPPT  
EQLLKFPFIRDQPTERQVRIQLKDHDIDRSRKRGEKEETEYEYSGSEEDD SHGEEGEPSSIMNVPGEST  
LRREFLRLQQENKSNSEALKQQQLQQQQQRDPEAHIKHLLHQQRRIEEQKEERRRVEEQRREREQRK  
LQEKEQQRRL EDMQALRREEERRQAEREQEYKRKQLEEQRQSERLQRQLQEHAYLKSLLQQQQQQQLQK  
QQQQQLLPGDRKPLYHYGRGMNPADKPAWAREVEERTMNMKQQNSPLAKSKPGSTGPEPIPQASPPPG  
PLSQTTPMQRPVEPQEGPHKSLVAHRVPLKPYAAPVPRSQLDQPTRNLAAFPASHDPPAIPAPTATP  
SARGAVIRQNSDPTSEGPGSPNPPAWVRPDNEAPPKVPQRTSSIATALNTSGAGGSRPAQAVRARPRSN  
SAWQIYLRRAERGT PKPPGPPAQP PGP NASSNPDLRRSDPGWERSDSVLPASHGHL PQAGSLERNRVG  
ASSKLDSSPVLSPGNKAKPDDHRSRPGRPADFVLLKERTLDEAPRPPKAMDYSSSSEEVESSEDEEEG  
EGGPAEGSRDTPGGRSDGDTDSVSTMVVDVEEITGTQPPYGGTMVVQRTPEEERNLLHADSNGYTNLP  
DVVQPSHSPTENSKGQSPSKDGSQDYQSRGLVKAPGKSSFTMFVLDLGIYQPGGSGDSIPITALVGGEGT  
RLDQLQYDVRKGSVVNVNPTNTRAHSETPEIRKYKRFNSEILCAALWGVNLLVGTENGLMLLDRSGQK  
VYGLIGRRRFQQMDVLEGLNLLITISGKRNLRVYYLSWLRNKILHNDPEVEKKQGWTTVGMGECGHYR  
VVKYERIKFLVIALKSSVEVYAWAPKPYHKFMAFKSFADLPHRPLLVDLTVEEGQRLKVIYGSSAGFHAV  
DVDSGNSYDIYIPVHIQSQITPHAIIFLPNTDGMEMLLCYEDEGVYVNTYGRIIKDVVLQWEMPTSVAY  
ICSNQIMGWGEKAIEIRSVETGHL DGVFMHKRAQRLKFLCERNKVFVASFVRSGGSSQVYFMTLNRNCIM  
NW

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

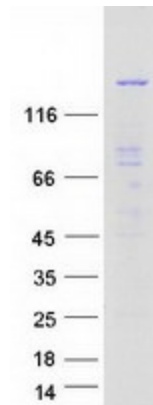
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method



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<b>Labeling Method:</b>	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
<b>Buffer:</b>	25 mM Tris-HCl, 100 mM glycine, pH 7.3
<b>Storage:</b>	Store at -80°C. Avoid repeated freeze-thaw cycles.
<b>Stability:</b>	Stable for 3 months from receipt of products under proper storage and handling conditions.
<b>RefSeq:</b>	<a href="#">NP_722549</a>
<b>RefSeq Size:</b>	4989
<b>RefSeq ORF:</b>	3996
<b>Synonyms:</b>	B55; MAP4K6; MINK; YSK2; ZC3
<b>Locus ID:</b>	50488
<b>UniProt ID:</b>	<a href="#">Q8N4C8</a>
<b>Cytogenetics:</b>	17p13.2
<b>Summary:</b>	This gene encodes a serine/threonine kinase belonging to the germinal center kinase (GCK) family. The protein is structurally similar to the kinases that are related to NIK and may belong to a distinct subfamily of NIK-related kinases within the GCK family. Studies of the mouse homolog indicate an up-regulation of expression in the course of postnatal mouse cerebral development and activation of the cjun N-terminal kinase (JNK) and the p38 pathways. [provided by RefSeq, Mar 2016]
<b>Protein Families:</b>	Druggable Genome, Protein Kinase

### Product images:



Coomassie blue staining of purified MINK1 protein (Cat# [TP304403]). The protein was produced from HEK293T cells transfected with MINK1 cDNA clone (Cat# [RC204403]) using MegaTran 2.0 (Cat# [TT210002]).