

Product datasheet for PH308238

PI 4 Kinase type 2 beta (PI4K2B) (NM_018323) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	PI4K2B MS Standard C13 and N15-labeled recombinant protein (NP_060793)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC208238
Predicted MW:	54.8 kDa
Protein Sequence:	>RC208238 protein sequence Red =Cloning site Green =Tags(s)

MEDPSEPDLASADGGSPREEEDGEREP LLPRIAWAHPRRGAPGS AVRLLDAAGEEGEAGDEELPLPPGD
 VGVSRSSPAELDRSRPAVSVTIGTSEMNAFLDDPEFADIMLRAEQAIEVGIFPERISQGS SGSYFVKDPK
 RKIIGVFKPKSEEPYQGLNPKWTKYVHKVCCPCCFGRGCLIPNQGYLSEAGAYLVDNKLHLSIVPKTKVV
 WLVSETFNYNAIDRAKSRGKKYALEKVPKVGRKFHRIGLPPKIGSFQLFVEGYKEAEYWLRFKFEADPLPE
 NIRKQFQSQFERLVILDYIIRNTDRGNDNWL VRYEKQKCEKEIDHKE SKWIDDEEFLIKIAAIDNGLAFP
 FKHPDEWRAYPFHAWLPQAKVPFSEEIRNLILPYISDMNFVQDLCEDLYELFKTDKGFDKATFESQMSV
 MRGQILNLTQALRDGKSPFQLVQIPCVIVERSQGSQGRIVHLSNSFTQTVNCRKPFSSW

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- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-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:	<u>NP_060793</u>
RefSeq Size:	3601
RefSeq ORF:	1443
Synonyms:	PI4KIIIB; PIK42B


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Locus ID: 55300

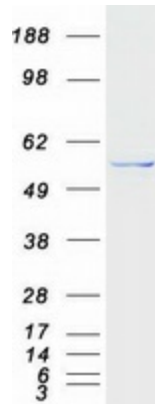
UniProt ID: [Q8TCG2](#)

Cytogenetics: 4p15.2

Summary: This gene encodes a member of the type II PI4 kinase protein family. The encoded protein is primarily cytosolic and contributes to overall PI4-kinase activity along with other protein family members. This protein is involved in early T cell activation. [provided by RefSeq, Dec 2016]

Protein Families: Druggable Genome

Product images:



Coomassie blue staining of purified PI4K2B protein (Cat# [TP308238]). The protein was produced from HEK293T cells transfected with PI4K2B cDNA clone (Cat# [RC208238]) using MegaTran 2.0 (Cat# [TT210002]).