

Product datasheet for PH312372

PKIB (NM_181795) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	PKIB MS Standard C13 and N15-labeled recombinant protein (NP_861460)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC212372
Predicted MW:	8.3 kDa
Protein Sequence:	>RC212372 representing NM_181795 Red=Cloning site Green=Tags(s) MRTDSSKMTDVESGVANF ASSARAGR RNALPDIQSSAATDGTSDLPLKLEALSVKEDA KEKDEKTTQDQL EKPQNEEK 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- 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:	<u>NP_861460</u>
RefSeq Size:	1909
RefSeq ORF:	234
Synonyms:	PRKACN2
Locus ID:	5570
UniProt ID:	<u>Q9C010</u>
Cytogenetics:	6q22.31



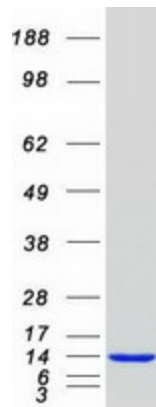
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Summary:

This gene encodes a member of the cAMP-dependent protein kinase inhibitor family. The encoded protein may play a role in the protein kinase A (PKA) pathway by interacting with the catalytic subunit of PKA, and overexpression of this gene may play a role in prostate cancer. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Jul 2012]

Protein Families:

Druggable Genome

Product images:

Coomassie blue staining of purified PKIB protein (Cat# [TP312372]). The protein was produced from HEK293T cells transfected with PKIB cDNA clone (Cat# [RC212372]) using MegaTran 2.0 (Cat# [TT210002]).