

Product datasheet for PH318237

PKI alpha (PKIA) (NM_006823) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	PKIA MS Standard C13 and N15-labeled recombinant protein (NP_006814)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC218237
Predicted MW:	8 kDa
Protein Sequence:	>RC218237 protein sequence Red=Cloning site Green=Tags(s) MTDVETTYADFIASGRTGRRNAIHDILVSSASGNSNELALKLAGLDINKTEGEEDAQRSSTEQSGEAQGE AAKSES 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:	NP_006814
RefSeq Size:	4215
RefSeq ORF:	228
Synonyms:	PRKACN1
Locus ID:	5569
UniProt ID:	P61925 , A0A024R7Y9
Cytogenetics:	8q21.13



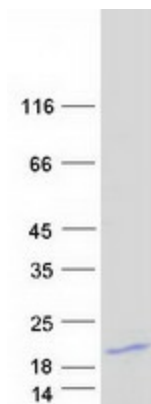
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Summary:

The protein encoded by this gene is a member of the cAMP-dependent protein kinase (PKA) inhibitor family. This protein was demonstrated to interact with and inhibit the activities of both C alpha and C beta catalytic subunits of the PKA. Alternatively spliced transcript variants encoding the same protein have been reported. [provided by RefSeq, Jul 2008]

Protein Families:

Druggable Genome

Product images:

Coomassie blue staining of purified PKIA protein (Cat# [TP318237]). The protein was produced from HEK293T cells transfected with PKIA cDNA clone (Cat# [RC218237]) using MegaTran 2.0 (Cat# [TT210002]).