

#### OriGene Technologies, Inc.

9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

# Product datasheet for PH318237

### PKI alpha (PKIA) (NM\_006823) Human Mass Spec Standard

## **Product data:**

Nescription:PKIA MS Standard C13 and N15-labeled recombinant protein (NP_006814)Species:HumanSpecies:HumanExpression DNA CompRc18237Predicted MW:A baPredicted MW:A C3 02337 protein sequence Rcd-Coling site Green-Tags(s)Pretin Sequence:Rc18237 protein sequence Rcd-Coling site Green-Tags(s)Torter Sequence:Rc19237 protein sequence Rcd-Coling site Green-Tags(s)Tags:GMyCTTYAPFIASGRRNATHDILVSSASGNSNELALKLAGLDINKTEGEEDAQRSSTEQSEAQGE ACKSESForter Sequence:Standard C1000000000000000000000000000000000000	Product Type:	Mass Spec Standards
Expression Host:HEK293Expression CDNA ClossRC218237Predicted MW:8 kDaProtein Sequence:RC218237 protein sequence Red=Cloning site Green=Tags(s)Protein Sequence:RC218237 protein sequence skd=Cloning site Green=Tags(s)MTDVETTYADFIASGRTGRRNAIHDILVSSASGNSNELALKLAGLDINKTEGEEDAQRSSTEQSGEAQGE AKKESTag:CMyc/DCKPartity:S0% as determined by SDS-PAGE and Coomassie blue stainingConcentration:0.05 µg/µL as determined by microplate BCA methodBuffer:0.05 µg/µL as determined by microplate BCA methodStorage:Stora 4.80°C. Avoid repeated freeze-thaw cycles.Storage:Stora 4.80°C. Avoid repeated freeze-thaw cycles.Stability:Stole for 3 months from receipt of products under proper storage and handling conditions.RefSeq ORF:218Storage:218	Description:	PKIA MS Standard C13 and N15-labeled recombinant protein (NP_006814)
Argession cDNA ClossRC218237Predicted MW:8 kDaProtein Sequence:RC218237 protein sequence Red=Cloning site Green=Tags(s)Protein Sequence:RC218237 protein sequence skd=Cloning site Green=Tags(s)MTDVETTYADFIASGRTGRRNAIHDILVSSASGNSNELALKLAGLDINKTEGEEDAQRSSTEQSGEAQGE AKKSESTag:CMyc/DLTYADFIASGRTGRRNAIHDILVSSASGNSNELALKLAGLDINKTEGEEDAQRSSTEQSGEAQGE AKKSESPurity:S0% as determined by SDS-PAGE and Coomassie blue stainingConcentration:0.05 µg/µL as determined by microplate BCA methodBuffer:0.05 µg/µL as determined by microplate BCA methodStorage:0.05 µg/µL as determined by microplate BCA methodBuffer:0.05 µg/µL as determined by microplate BCA methodStorage:0.05 µg/µL as determined by microplate BCA methodStorage:0.10 mm BGStorage:0.10 mm BGStorage:0.10 mm BGStorage:0.10 mm BGStorage:0.21 mm BGStorage:<	Species:	Human
or AA Sequence:Predicted MW:8 kDaProtein Sequence: Red=Cloning site Green=Tags(s)Rd=Cloning site Green=Tags(s)MTDVETTYADFIASGRTGRRNAIHDILVSSASGNSNELALKLAGLDINKTEGEEDAQRSSTEQSGEAQGE AKSESTag:CMyc/DTKPurity:> 80% as determined by SDS-PAGE and Coomassie blue stainingConcentration:> 0.05 µg/µL as determined by microplate BCA methodLabeling Method:Labeled with [U-13C6, 15N4]-L-Arginine and [U-13C6, 15N2]-L-LysineBuffer:05 mM Tris-HCI, 100 mM glycine, pH 7.3Storage:Stora et -80°C. Avoid repeated freeze-thaw cycles.Stability:Stable for 3 months from receipt of products under proper storage and handling conditions.RefSeq ORF:228Storage:215Storage:228Prisce ORF:2569Storage:2569	Expression Host:	HEK293
Protein Sequence: Red=Cloning site Green=Tags(s)MTDVETTYADFIASGRTGRRNAIHDILVSSASGNSNELALKLAGLDINKTEGEEDAQRSSTEQSGEAQGE AKSESTRTRPLEQKLISEEDLAANDILDYKDDDDKVTag:CMC/DDKPurity:>80% as determined by SDS-PAGE and Coomassie blue stainingConcentration:>0.05 µg/µL as determined by microplate BCA methodBuffer:Labeld with [U-13C6, 15N4]-LArginine and [U-13C6, 15N2]-L-LysineBuffer:Stor at -80°C. Avoid repeated freeze-thaw cycles.Storage:Stora for 3 months from receipt of products under proper storage and handling conditions.RefSeq NEr:28RefSeq ORF:28Stonyms:PKACN1Locus ID:Sto9	-	RC218237
Red=Cloning site Green=Tags(s)MTDVETTYADFIASGRTGRRNAIHDILVSSASGNSNELALKLAGLDINKTEGEEDAQRSSTEQSGEAQGE AAKSESTag:TRTRPLEQKLISEEDLAANDILDYKDDDDKVTag:> 80% as determined by SDS-PAGE and Coomassie blue stainingConcentration:> 0.05 µg/µL as determined by microplate BCA methodLabeling Method:Labeled with [U-13C6, 15N4]-L-Arginine and [U-13C6, 15N2]-L-LysineBuffer:25 mM Tris-HCl, 100 mM glycine, pH 7.3Storage: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 Size:4215RefSeq ORF:228Synonyms:PKKACN1Locus ID:Sto9	Predicted MW:	8 kDa
AAKSESTRTRPLEQKLISEEDLAANDILDYKDDDDKVTag:C-Myc/DDKPurity:> 80% as determined by SDS-PAGE and Coomassie blue stainingPurity:> 80% as determined by microplate BCA methodConcentration:0.05 µg/µL as determined by microplate BCA methodBuffer:Labeled with [U-13C6, 15N4]-L-Arginine and [U-13C6, 15N2]-L-LysineBuffer:Store at -80°C. Avoid repeated freeze-thaw cycles.Storage:Store at -80°C. Avoid repeated freeze-thaw cycles.RefSeq:NP 006814RefSeq Size:4215RefSeq ORF:28Storage:128Storage:Store 30°C. Avoid Store As a store 30°C. Avoid Store 3	Protein Sequence:	
Tag:C-Myc/DDKPurity:> 80% as determined by SDS-PAGE and Coomassie blue stainingConcentration:> 0.05 µg/µL as determined by microplate BCA methodLabeling Method:Labeled with [U-13C6, 15N4]-L-Arginine and [U-13C6, 15N2]-L-LysineBuffer:25 mM Tris-HCl, 100 mM glycine, pH 7.3Storage: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 Size:Al 215RefSeq ORF:28Synonyms:PRKACN1Locus ID:Sto9		
Purity:> 80% as determined by SDS-PAGE and Coomassie blue stainingPurity:> 80% as determined by microplate BCA methodConcentration:> 0.05 µg/µL as determined by microplate BCA methodLabeling Method:Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-LysineBuffer:25 mM Tris-HCl, 100 mM glycine, pH 7.3Storage: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 006814RefSeq ORF:228Synonyms:PKKACN1Locus ID:5569		TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Concentration:>0.05 µg/µL as determined by microplate BCA methodLabeling Method:Labeled with [U-13C6, 15N4]-L-Arginine and [U-13C6, 15N2]-L-LysineBuffer:25 mM Tris-HCl, 100 mM glycine, pH 7.3Storage: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 006814RefSeq Size:4215RefSeq ORF:228Synonyms:PRKACN1Locus ID:5569	Tag:	C-Myc/DDK
Labeling Method:Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-LysineBuffer:25 mM Tris-HCl, 100 mM glycine, pH 7.3Storage: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 006814RefSeq Size:4215RefSeq ORF:228Synonyms:PKKACN1Locus ID:569	Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:25 mM Tris-HCl, 100 mM glycine, pH 7.3Storage: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 006814RefSeq Size:4215RefSeq ORF:228Synonyms:PRKACN1Locus ID:5569	Concentration:	>0.05 μg/μL as determined by microplate BCA method
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 006814RefSeq Size:4215RefSeq ORF:228Synonyms:PRKACN1Locus ID:5569	Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Stability:Stable for 3 months from receipt of products under proper storage and handling conditions.RefSeq:NP 006814RefSeq Size:4215RefSeq ORF:228Synonyms:PRKACN1Locus ID:5569	Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
RefSeq: NP 006814   RefSeq Size: 4215   RefSeq ORF: 228   Synonyms: PRKACN1   Locus ID: 5569	Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
RefSeq Size: 4215   RefSeq ORF: 228   Synonyms: PRKACN1   Locus ID: 5569	Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq ORF: 228   Synonyms: PRKACN1   Locus ID: 5569	RefSeq:	<u>NP 006814</u>
Synonyms:PRKACN1Locus ID:5569	RefSeq Size:	4215
Locus ID: 5569	RefSeq ORF:	228
	Synonyms:	PRKACN1
UniProt ID: <u>P61925</u> , <u>A0A024R7Y9</u>	Locus ID:	5569
	UniProt ID:	<u>P61925, A0A024R7Y9</u>
Cytogenetics: 8q21.13	Cytogenetics:	8q21.13



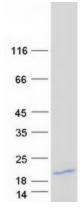
This product is to be used for laboratory only. Not for diagnostic or therapeutic use. ©2024 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US

ORIGENE	PKI alpha (PKIA) (NM_006823) Human Mass Spec Standard – PH318237
---------	--

Summary:The protein encoded by this gene is a member of the cAMP-dependent protein kinase (PKA)<br/>inhibitor family. This protein was demonstrated to interact with and inhibit the activities of<br/>both C alpha and C beta catalytic subunits of the PKA. Alternatively spliced transcript variants<br/>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]).

This product is to be used for laboratory only. Not for diagnostic or therapeutic use. ©2024 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US