

Product datasheet for **TP316291**

PKIB (NM_181794) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human protein kinase (cAMP-dependent, catalytic) inhibitor beta (PKIB), transcript variant 2, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC216291 protein sequence Red =Cloning site Green =Tags(s)
	MRTDSSKMTDVESGVANFASSARAGRNRNALPDIQSSAATDGTSDLPLKLEALSVKEDAKEKDEKTTQDQL EKPQNEEK
	TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	8.3 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_861459
Locus ID:	5570
UniProt ID:	Q9C010
RefSeq Size:	1892



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Cytogenetics: 6q22.31

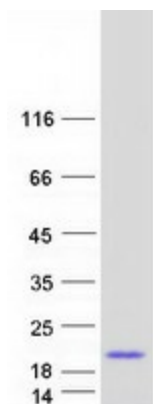
RefSeq ORF: 234

Synonyms: PRKACN2

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# TP316291). The protein was produced from HEK293T cells transfected with PKIB cDNA clone (Cat# [RC216291]) using MegaTran 2.0 (Cat# [TT210002]).