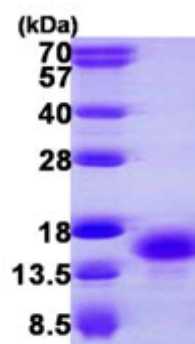


AR09928PU-L

Human PKIB (1-78, His-tag) - Purified

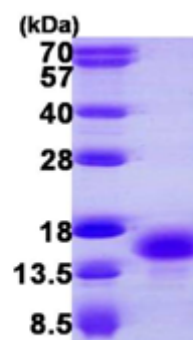
Alternate names:	PKI beta, PKI-beta, PRKACN2, cAMP-dependent protein kinase inhibitor beta
Quantity:	0.5 mg
Concentration:	1.0 mg/ml (determined by BCA assay)
Background:	PKIB, also known as cAMP-dependent protein kinase inhibitor beta, is a member of the cAMP-dependent protein kinase inhibitor family. This protein may interact with the catalytic subunit of cAMP-dependent protein kinase and act as a competitive inhibitor. At least three alternatively spliced transcript variants encoding the same protein have been reported.
Uniprot ID:	Q9C010
NCBI:	NP_115860
GeneID:	5570
Species:	Human
Source:	E. coli
Format:	State: Liquid purified peptide Purity: >95% Buffer System: 20mM Tris-HCl buffer (pH 8.0) containing 20% glycerol, 0.1M NaCl, 1mM DTT
Description:	Recombinant human PKIB, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography. AA Sequence: <u>MGSSHHHHH SSGLVPRGSH</u> MRTDSSKMTD VESGVANFAS SARAGRRNAL PDIQSSAATD GTSDLPLKLE ALSVKEDAKE KDEKTTQDQL EKPQNEEK Molecular weight: 10.6 kDa (98aa) confirmed by MALDI-TOF (Molecular size on SDS-PAGE will appear higher).
Storage:	Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	Zheng L. et al. (2000) Biochem J., 349:403-7.

Pictures:



15% SDS-PAGE (3ug)

Recombinant human PKIB, 1-78 aa, His-tagged



15% SDS-PAGE (3ug)