

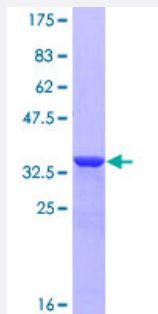
Full-Length

PKIB (Human) Recombinant Protein (P01)

Catalog # H00005570-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human PKIB full-length ORF (NP_115860.1, 1 a.a. - 78 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MRTDSSKMTDVESGVANFASSARAGRRNALPDIQSSAATDGTSDLPLKLEALSVKEDAKEKDEK TTQDQLEKPQNEEK
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	34.9
Interspecies Antigen Sequence	Mouse (74); Rat (72)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — PKIB

Entrez GeneID [5570](#)

GeneBank Accession# [NM_032471.4](#)

Protein Accession# [NP_115860.1](#)

Gene Name PKIB

Gene Alias FLJ23817, PRKACN2

Gene Description protein kinase (cAMP-dependent, catalytic) inhibitor beta

Omim ID [606914](#)

Gene Ontology [Hyperlink](#)

Gene Summary The protein encoded by this gene is a member of the cAMP-dependent protein kinase inhibitor family. Studies of a similar protein in rat suggest that 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. [provided by RefSeq]

Other Designations OTTHUMP00000017114|OTTHUMP00000017116|OTTHUMP00000017117|PKI-beta|cAMP-dependent protein kinase inhibitor 2|cAMP-dependent protein kinase inhibitor beta