

Recombinant Human PKIB Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. PKIB-600H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	PKIB MS Standard C13 and N15-labeled recombinant protein (NP_861459) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	8.5 kDa
AA Sequence	MRTDSSKMTDVESGVANFASSARAGRRLALPDQSSAATDGTSDLPLKLEALSVKE DAKEKDEKTTQDQLEKPQNEEKTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

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Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name PKIB cAMP-dependent protein kinase inhibitor beta [Homo sapiens (human)]

Official Symbol PKIB

Synonyms PKIB; protein kinase (cAMP-dependent, catalytic) inhibitor beta; PRKACN2; cAMP-dependent protein kinase inhibitor beta; PKI-beta; cAMP-dependent protein kinase inhibitor 2; FLJ23817;

Gene ID 5570

mRNA Refseq NM_181794

Protein Refseq NP_861459

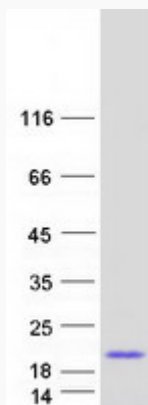
MIM 606914

UniProt ID Q9C010

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SDS-PAGE

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