

Recombinant Human PKIB Protein, His-tagged

Cat. No. PKIB-655H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PKIB(Met1-Lys78), transcript variant 3, fused with His tag at C-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-78 a.a.
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.
Form	20mM Tris-HCl, 100mM NaCl, 1mM DTT, 20% Glycerol, pH 8.0. Avoid repeated freeze-thaw cycles. Stable for at least 3 months from receipt of products under proper storage and handling conditions.
Molecular Mass	10.6 kDa
Endotoxin	< 0.1 EU per g protein as determined by LAL test
Purity	>95% as determined by SDS-PAGE and Coomassie blue staining

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Concentration >50 ug/mL as determined by microplate BCA method

GENE INFORMATION

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

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_032471

Protein Refseq NP_115860

MIM 606914

UniProt ID Q9C010

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