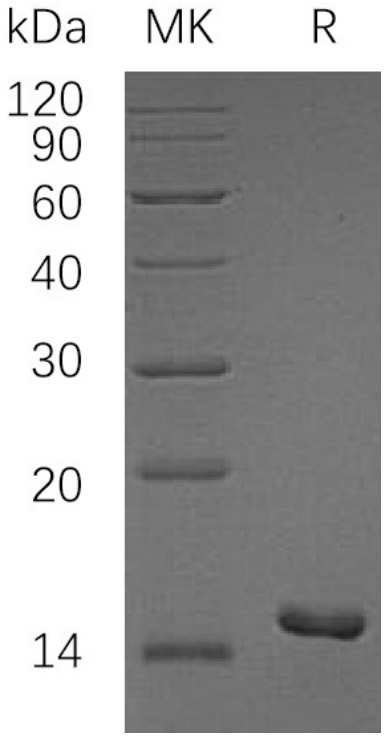
Product Name: Recombinant Human PKI-Beta (N-6His)
Catalog #: PEH1331

Summary

Name	PKI-β/PKIB
Purity	Greater than 95% as determined by reducing SDS-PAGE
Endotoxin level	<1 EU/μg as determined by LAL test.
Construction	Recombinant Human CAMP-dependent Protein Kinase Inhibitor Beta is produced by our E.coli expression system and the target gene encoding Met1-Lys78 is expressed with a 6His tag at the N-terminus.
Accession #	Q9C010
Host	E.coli
Species	Human
Predicted Molecular Mass	10.6 KDa
Formulation	Supplied as a 0.2 μm filtered solution of 20mM Tris-HCl, 100mM NaCl, 1mM DTT, 20% Glycerol, pH 8.0.
Shipping	The product is shipped on dry ice/polar packs. Upon receipt, store it immediately at the temperature listed below.
Stability&Storage	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
Reconstitution	

SDS-PAGE image

Product Name: Recombinant Human PKI-Beta (N-6His)
Catalog #: PEH1331



Alternative Names

cAMP-Dependent Protein Kinase Inhibitor Beta; PKI-beta; PKIB; PRKACN2

Background

cAMP-Dependent Protein Kinase Inhibitor β (PKI-β) is a member of the PKI family. As a member of the cAMP-dependent protein kinase inhibitor family,It has been shown that PKI-β is an extremely potent competitive inhibitor of cAMP-dependent protein kinase activity; this protein interacts with the catalytic subunit of the enzyme after the cAMP-induced dissociation of its regulatory chains. It 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.

Note

For Research Use Only , Not for Diagnostic Use.