

## 32-7225: Recombinant Human cAMP-dependent Protein Kinase Inhibitor beta/PKI- beta (N-6His)

**Gene :** PKIB  
**Gene ID :** 5570  
**Uniprot ID :** Q9C010

### Description

Source: E.coli.  
MW :10.6kD.

Recombinant Human PKI-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. cAMP-Dependent Protein Kinase Inhibitor beta (PKI- beta) is a member of the PKI family. It has been shown that PKI- beta 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.

### Product Info

**Amount :** 10 µg / 50 µg  
**Content :** Supplied as a 0.2 µm filtered solution of 20mM TrisHCl, 100mM NaCl, 1mM DTT, 20% Glycerol, pH 8.0.  
**Storage condition :** Store at -20°C, stable for 6 months after receipt. Please minimize freeze-thaw cycles.  
**Amino Acid :** MGSSHHHHHSSGLVPRGSHMRTDSSKMTDVESGVANFASSARAGRRLPDIQSSAATDGTSD  
LPLKLEALSVKEDAKEKDEKTTQDQLEKPQNEEK

### Application Note

**Endotoxin :** Less than 0.1 ng/Åµg (1 IEU/Åµg) as determined by LAL test.