

Protein Kinase Inhibitor Beta Human Recombinant

Item Number	rAP-1661
Synonyms	cAMP-dependent protein kinase inhibitor beta, PKI-beta, PKIB, PRKACN2, FLJ23817.
Description	PKIB Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 98 amino acids (1-78) and having a molecular mass of 10.6kDa (Molecular size on SDS-PAGE will appear higher). PKIB is fused to a 20 aa His-Tag at N-terminus and purified by proprietary chromatographic tech-
Uniprot Accession Number	Q9C010
Amino Acid Sequence	MGSSHHHHHH SSSLVPRGSH MRTDSSKMTD VESGVANFAS SARAGRRNAL PDIQSSAATD GTSDLPLKLE ALSVKEDAKE KDEKTTQDQL EKPQNEEK.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
Formulation and Purity	PKIB solution (1mg/ml) 20mM Tris-HCl buffer (pH8.0), 20% glycerol, 0.1M NaCl and 1mM DTT. Greater than 95.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**