

PKIB Human

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 20 a.a. His-Tag at N-terminus and purified by proprietary chromatographic techniques.

Catalog #: PKPS-010

For research use only.

Synonyms: cAMP-dependent protein kinase inhibitor beta, PKI-beta, PKIB, PRKACN2, FLJ23817.

Source: Escherichia Coli.

Physical Appearance: Sterile filtered colorless solution.

Amino Acid Sequence: MGSSHHHHHH SSGLVPRGSH MRTDSSKMTD VESGVANFAS
SARAGRRNAL PDIQSSAATD GTSDLPLKLE ALSVKEDAKE KDEKTTQDQL EKPQNEEK.

Purity: Greater than 95.0% as determined by SDS-PAGE.

Formulation:

PKIB solution (1mg/ml) 20mM Tris-HCl buffer (pH8.0), 20% glycerol, 0.1M NaCl and 1mM DTT.

Stability:

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.

Usage:

NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. They may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

Introduction:

cAMP-dependent protein kinase inhibitor beta (PKIB) belongs to the cAMP-dependent protein kinase inhibitor family. PKIB may interact with the catalytic subunit of cAMP-dependent protein kinase and function as a competitive inhibitor.

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