

PKIB, 1-78aa, Human, His tag, E.coli

Cat.NO.: TP03419

3th Edition

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

Description:PKIB, also known as cAMP-dependent protein kinase inhibitor beta, is a member of the cAMPdependent protein kinase inhibitor family. This protein may interact with the catalytic subunit of cAMP-dependent protein kinase and act as a competitive inhibitor. At least three alternatively spliced transcript variants encoding the same protein have been reported.

Form:Liquid. 20mM Tris-HCl buffer (pH8.0) containing 20% glycerol 0.1M NaCl,1mM DTT

Molecular Weight:10.6 kDa (98aa) confirmed by MALDI-TOF

Sequences:

MGSSHHHHHSSGLVPRGSHMRTDSSKMTDVESGVANFASSARAGRNRNALPDIQSSAATDGTSIDLPLKLEALSVK
EDAKEKDEKTTQDQLEKPQNEEK

Purity:> 95% by HPLC

Concentration:1.0 mg/ml (determined by BCA assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.