

CIB1, 1-191 aa, Human, His-tagged, Recombinant, E.coli

Cat.NO.: TP01622

3th Edition

Synonyms:Calcium and integrin binding 1, CIB, KIP (Kinase interacting protein), SIP2-28(SNK interacting protein2-28), CALMYRIN

Description:CIB1 (Calcium and integrin binding 1) is regulatory protein with 50% homology to calmodulin and calcineurin B, that encodes a member of the calcium-binding protein family. The specific function of this protein has not yet been determined.

Form:Liquid. In 20 mM Tris-HCl buffer (pH 8.0), 5 mM DTT

Molecular Weight:23kDa (211aa), confirmed by MALDI-TOF

Sequences:

MGSSHHHHHHSSGLVPRGSHMGGSGSRLSKELLAQYQDLTFLTKQEILLAHRRFCCELLPQEQRTVESSLRAQVPF
EQILSLPELKANPFKERICRVFSTSPAKDSLSEDFDLDSVFSDTATPDIKSHYAFRIFDFDDDGTLNREDLSRLVNC
LTGEGEDTRLSASEMKQLIDNILEESDIDRDGTINLSEFQHVISRSPDFASSFKIVL

Purity:> 95% by HPLC

Concentration:1 mg/ml (determined by Bradford 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.