

**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:**

MGSSHHHHHHSSGLVPRGSHMGGSGSRLSKELLA EYQDLTFLTKQEILLAHRRFCELLPQEQRTVESSLRAQVPF  
EQILSLPELKANPFKERICRVFSTSPAKDSL SFEDFLDLLSVFSDTATPDIKSHYAFRIFDFDDDGTLNREDLSRLVNC  
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.