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32-2971: CIB1 Recombinant Protein

Alternative Name : Calcium and integrin-binding protein 1,Calmyrin,DNA-PKcs-interacting protein,Kinase-interacting protein,SNK-interacting protein 2-28,SIP2-28,CIB1,CIB,KIP,PRKDCIP.

Description

Source : Escherichia Coli. CIB1 Human Recombinant is a single, non-glycosylated polypeptide chain (aa 1-191) containing a total of 211 amino acids and having a molecular mass of 23 kDa.CIB1 is fused to a 20 a.a His-tag and it was purified by conventional column chromatographic techniques. 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. CIB1 interacts with DNA-dependent protein kinase and may play a role in kinase-phosphatase regulation of DNA end joining. Also CIB1 is widely expressed and binds to a number of effectors, such as integrin IIb, PAK1, and polo-like kinases, in different tissues.

Product Info

Amount :	25 µg
Purification :	Greater than 95.0% as determined by SDS-PAGE.
Content :	The CIB1 protein solution (1mg/ml) contains 20mM Tris-HCl, pH-8 & 5mM DTT.
Storage condition :	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 0.1% HSA or BSA. Avoid multiple freeze-thaw cycles.
Amino Acid :	MGSSHHHHHH SSGLVPRGSH MGGSGSRLSK ELLAEYQDLT FLTKQEILLA HRRFCELLPQ EQRTVESSLR AQVPFEQILS LPELKANPFK ERICRVFSTS PAKDSLSFED FLDLLSVFSD TATPDIKSHY AFRIFDFDDD GTLNREDLSR LVNCLTGEGE DTRLSASEMK QLIDNILEES DIDRDGTINL SEFQHVISRS PDFASSFKIV L.

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