

Datasheet for ABIN666637

CIB1 Protein (AA 1-191) (His tag)[Go to Product page](#)**1** Image

Overview

Quantity:	100 µg
Target:	CIB1
Protein Characteristics:	AA 1-191
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This CIB1 protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Characteristics:	CIB1, 1-191 aa, Human, His-tagged, Recombinant, E.coli
Purity:	> 95 % by SDS - PAGE

Target Details

Target:	CIB1
Alternative Name:	CIB1 (CIB1 Products)
Background:	<p>CIB, KIP(Kinase interacting protein), SIP2-28 (SNK interacting protein2-28), CALMYRIN</p> <p>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.</p> <p>The specific function of this protein has not yet been determined, however this protein is known to interact with DNA-dependent protein kinase and may play a role in kinase-phosphatase</p>

Target Details

regulation of DNA end joining. Also CIB1 is widely expressed and binds to a number of effectors, such as integrin alpha IIb, PAK1, and polo-like kinases, in different tissues. Recombinant human CIB1, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques. Synonyms: Calcium and integrin binding 1, CIB, KIP (Kinase interacting protein), SIP2-28(SNK interacting protein2-28), CALMYRIN, CIB1, Calcium and integrin binding 1 Calcium and integrin binding 1 (calmyrin), Calcium and integrin binding protein 1, CIB, DNA PKcs interacting protein, Human Snk interacting protein 2 to 28 mRNA complete cds, Kinase interacting protein, PRKDCIP, SIP2 28, SNK interacting protein 2 to 28. NCBI no.: NP_006375

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

Application Details

Restrictions: For Research Use only

Handling

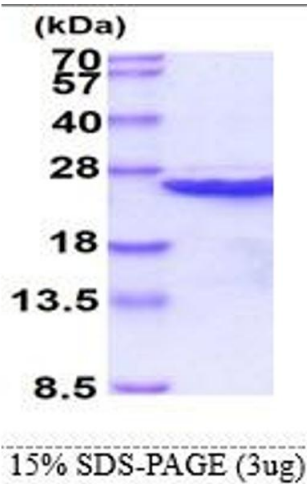
Format: Liquid

Concentration: 1 mg/ml (determined by Bradford assay)

Buffer: Liquid in 20mM Tris pH 8.0, 5mM DTT

Storage: 4 °C

Images



SDS-PAGE

Image 1.