

Recombinant Human CIB1, His-tagged

Cat. No. CIB1-27248TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length human CIB1, fused to His-tag at N-terminus; 211 amino acids, 23 kDa.
Species	Human
Source	E.coli
Description	The protein encoded by this gene is a member of the calcium-binding protein family. 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 regulation of DNA end joining. This protein also interacts with integrin alpha(IIb)beta(3), which may implicate this protein as a regulatory molecule for alpha(IIb)beta(3).
Conjugation	HIS
Form	Liquid
Purity	>95% by SDS-PAGE
Storage buffer	Preservative: None Constituents: 5mM DTT, 20mM Tris, pH 8.0
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Sequences of amino	MGSSHHHHHH SSGLVPRGSH MGGSGSRLSK ELLAEYQDLT FLTKQEILLA

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acids

HRRFCELLPQ EQRTVESSLR AQVPFEQILS LPELKANPFK ERICRVFSTS
 PAKDSLSFED FLDLLSVFSD TATPDIKSHY AFRIFDFDDD GTLNREDLSR
 LVNCLTGEGE DTRLSASEMK QLIDNILEES DIDRDGTINL SEFQHVISRS
 PDFASSFKIV L

Full Length Full L.

GENE INFORMATION

Gene Name CIB1 calcium and integrin binding 1 (calmyrin) [Homo sapiens]

Official Symbol CIB1

Synonyms CIB1; calcium and integrin binding 1 (calmyrin); calcium and integrin-binding protein 1; CALMYRIN; CIB; KIP; SIP2 28;

Gene ID 10519

mRNA Refseq NM_006384

Protein Refseq NP_006375

MIM 602293

Uniprot ID Q99828

Chromosome Location 15q25.3-q26

Function calcium ion binding; protein binding;

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