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: NoneConstituents: 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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