

Recombinant Full Length Human CIB1 Protein, GST-tagged

Cat. No. CIB1-1840HF Lot. No. (See product label)

SPECIFICATION

Product Overview	Human CIB1 full-length ORF (AAH00846, 1 a.a. - 191 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	191 amino acids
Description	This gene encodes a member of the EF-hand domain-containing calcium-binding superfamily. The encoded protein interacts with many other proteins, including the platelet integrin alpha-IIb-beta-3, DNA-dependent protein kinase, presenilin-2, focal adhesion kinase, p21 activated kinase, and protein kinase D. The encoded protein may be involved in cell survival and proliferation, and is associated with several disease states including cancer and Alzheimer's disease. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Apr 2013]
Molecular Mass	46.75 kDa
AA Sequence	MGGSGSRLSKELLA EYQDLTFLTKQEILLAHRRFCCELLPQEQRSVESSLRAQVPFEQ ILSLPELKANPFKERICRVFSTSPAKDSLSEDFLDLLSVFSDTATPDIKSHYAFRIFDF DDDGTLNREDLSRLVNCLTGEGEDTRLSASEMKQLIDNILEESDIDRDGTINLSEFQH VISRSPDFASSFKIVL
Applications	Enzyme-linked Immunoabsorbent Assay

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Western Blot (Recombinant protein)
 Antibody Production
 Protein Array

Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

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; CIBP; calmyrin; kinase-interacting protein; DNA-PKcs-interacting protein; SNK-interacting protein 2-28; Snk interacting protein 2-28; calcium- and integrin-binding protein; calcium and integrin binding protein 1; DNA-dependent protein kinase interacting protein; calcium and integrin binding, protein kinase interacting protein; KIP1; SIP2-28
Gene ID	10519
mRNA Refseq	NM_006384
Protein Refseq	NP_006375
MIM	602293

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UniProt ID

Q99828

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