

Recombinant Human CIB1, GST-tagged

Cat. No. CIB1-11242H Lot. No. (See product label)

SPECIFICATION

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|-------------------------|---|
| Product Overview | Recombinant Human CIB1 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose. |
| Species | Human |
| Source | E.coli |
| ProteinLength | 1-191a.a. |
| 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). |
| Storage | The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles. |
| Storage Buffer | 1M PBS (58mM Na2HPO4,17mM NaH2PO4, 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100,15%glycerol. |

GENE INFORMATION

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

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|----------------------------|---|
| 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 |
| UniProt ID | Q99828 |
| Chromosome Location | 15q25.3-q26 |
| Function | calcium ion binding; protein binding; |

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