



Recombinant Human Calcium and integrin-binding protein 1 (CIB1)

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|--------------------------|---|
| Product Code | CSB-EP857460HU-B |
| Abbreviation | CIB1 |
| Storage | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C. |
| Uniprot No. | Q99828 |
| Product Type | Recombinant Protein |
| Immunogen Species | Homo sapiens (Human) |
| Purity | >85% (SDS-PAGE) |
| Sequence | GGSGSRLSK ELLAEYQDLT FLTKQEILLA HRRFCELLPQ EQRSVSSLR AQVPFEQILS LPELKANPFK ERICRVFSTS PAKDSLSEFED FLDLLSVFSD TATPDIKSHY AFRIFDFDDD GTLNREDLSR LVNCLTGEGE DTRLSASEMK QLIDNILEES DIDRDGTINL SEFQHVISRS PDFASSFKIV L |
| Source | E.coli |
| Target Names | CIB1 |
| Protein Names | Recommended name: Calcium and integrin-binding protein 1 Short name= CIB Alternative name(s): Calcium- and integrin-binding protein Short name= CIBP Calmyrin DNA-PKcs-interacting protein Kinase-interacting protein Sho |
| Expression Region | 2-191 |
| Notes | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week. |
| Tag Info | Tag type will be determined during the manufacturing process. |
| Protein Length | Full Length of Mature Protein |
| Target Details | This protein 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). |
| Reconstitution | We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference. |
| Shelf Life | The shelf life is related to many factors, storage state, buffer ingredients, |



storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.