

Product datasheet for **TP301591L**

CIB1 (NM_006384) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human calcium and integrin binding 1 (calmyrin) (CIB1), 1 mg

Species: Human

Expression Host: HEK293T

**Expression cDNA Clone
or AA Sequence:** >RC201591 protein sequence
Red=Cloning site **Green**=Tags(s)

MGGSGSRLSKELLA EYQDLTFLTKQEILLAHRRFCCELLPQEQRVSVESLRAQVPFEQILSLPELKANPFK
ERICRVFSTSPAKDLSLSEDFDLDSVFSDTATPDIKSHYAFRIFDFDDDGTLNREDLSRLVNCLTGEGE
DTRLSASEMKQLIDNILEESDIDRDGTINLSEFQHVISRSPDFASSFKIVL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW: 21.5 kDa

Concentration: >0.05 µg/µL as determined by microplate BCA method

Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

Preparation: Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.

Note: For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

Storage: Store at -80°C.

Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

RefSeq: [NP_006375](#)

Locus ID: 10519

UniProt ID: [Q99828](#), [A0A140VK09](#)

RefSeq Size: 995



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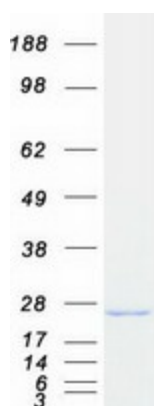
Cytogenetics: 15q26.1

RefSeq ORF: 573

Synonyms: CIB; CIBP; KIP1; PRKDCIP; SIP2-28

Summary: 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]

Product images:



Coomassie blue staining of purified CIB1 protein (Cat# [TP301591]). The protein was produced from HEK293T cells transfected with CIB1 cDNA clone (Cat# [RC201591]) using MegaTran 2.0 (Cat# [TT210002]).