

## **Product datasheet for PH301591**

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## CIB1 (NM\_006384) Human Mass Spec Standard

**Product data:** 

**Product Type:** Mass Spec Standards

**Description:** CIB1 MS Standard C13 and N15-labeled recombinant protein (NP\_006375)

Species:HumanExpression Host:HEK293

Expression cDNA Clone or AA Sequence:

RC201591

**Predicted MW:** 21.7 kDa

Protein Sequence: >RC201591 protein sequence

Red=Cloning site Green=Tags(s)

MGGSGSRLSKELLAEYQDLTFLTKQEILLAHRRFCELLPQEQRSVESSLRAQVPFEQILSLPELKANPFK ERICRVFSTSPAKDSLSFEDFLDLLSVFSDTATPDIKSHYAFRIFDFDDDGTLNREDLSRLVNCLTGEGE

DTRLSASEMKQLIDNILEESDIDRDGTINLSEFQHVISRSPDFASSFKIVL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

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

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

Labeling Method: Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine

**Buffer:** 25 mM Tris-HCl, 100 mM glycine, pH 7.3

**Storage:** Store at -80°C. Avoid repeated freeze-thaw cycles.

**Stability:** Stable for 3 months from receipt of products under proper storage and handling conditions.

**RefSeq:** NP 006375

RefSeq Size: 995 RefSeq ORF: 573

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

**Locus ID:** 10519

UniProt ID: Q99828, A0A140VK09





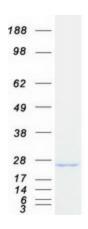
Cytogenetics:

15q26.1

**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]).