

Product datasheet for PH301591

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:	Human
Expression 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) MGGSGSRLSKELLA EYQDLTFLTKQEILLAHRRFCCELLPQEQRSVESLRAQVPFEQILSLPELKANPFK ERICRVFSTSPAKDSLSEDFLDLLSVFSDTATPDIKSHYAFRIFDFDDGTLNREDL SRLVNCLTGEGE DTRLASSEMQLIDNILEESDIDRDGTINLSEFQHVISRSPDFASSFKIVL 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



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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]).