

Product datasheet for PH314169

CLLD7 (RCBTB1) (NM_018191) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	RCBTB1 MS Standard C13 and N15-labeled recombinant protein (NP_060661)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC214169
Predicted MW:	58.1 kDa
Protein Sequence:	>RC214169 representing NM_018191 Red =Cloning site Green =Tags(s)

MVDVGKWPIFTLLSPQEIASIRKACVFGTSASEALYVTDNDEVFVFGLNYSNCLGTGDNQSTLVPKKLEG
 LCGKKIKSLSYSGSPHVLLSTEDGVVYAWGHNGYSQLGNGTTNQGIAPVQVCTNLLIKQVVEVACGSHHS
 MALAADGEVFAWYNNCGQVSGSGSTANQPTPRKVTNCLHIKRVVGIACGQTSSMAVLNNGEVYWGYNNGN
 GQLGLGNNGNQLTPVRVAALHSVCVNQIVCGYAHTLALTDEGLLYAWGANTYQGQGTGNKNLLSPAHHM
 VEKERVVEIAACHSAHTSAAKTQGGHVYMWGQCRGQSVILPHLTHFSCTDDVFACFATPAVSWRLLSVEH
 EDFLTVAESLKKEFDSPETADLKFRIDGKYIHVHKAVLKIRCEHFRSMFQSYWNEDMKEVIEIDQFSYPV
 YRAFLQYLYTDTVDLPPEDAIGLLDLATSYCENRLKKLCQHIKRGITVENAFSLFSAVRYDAEDLEEF
 CFKFCINHLTEVTQTAAFWQMDGPLLKEFIKASKCGAFKN

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- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-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:	<u>NP_060661</u>
RefSeq Size:	4042
RefSeq ORF:	1593


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Synonyms: CLLD7; CLLL7; GLP; RDEOA

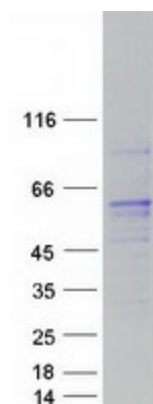
Locus ID: 55213

UniProt ID: [Q8NDN9](#), [B3KR20](#)

Cytogenetics: 13q14.2

Summary: This gene encodes a protein with an N-terminal RCC1 domain and a C-terminal BTB (broad complex, tramtrack and bric-a-brac) domain. In rat, over-expression of this gene in vascular smooth muscle cells induced cellular hypertrophy. In rat, the C-terminus of RCBTB1 interacts with the angiotensin II receptor-1A. In humans, this gene maps to a region of chromosome 13q that is frequently deleted in B-cell chronic lymphocytic leukemia and other lymphoid malignancies. [provided by RefSeq, Jul 2008]

Product images:



Coomassie blue staining of purified RCBTB1 protein (Cat# [TP314169]). The protein was produced from HEK293T cells transfected with RCBTB1 cDNA clone (Cat# [RC214169]) using MegaTran 2.0 (Cat# [TT210002]).