

## Product datasheet for PH307033

### ACBD5 (NM\_001042473) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	ACBD5 MS Standard C13 and N15-labeled recombinant protein (NP_001035938)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC207033
Predicted MW:	54.8 kDa
Protein Sequence:	>RC207033 protein sequence Red=Cloning site Green=Tags(s)

MADTRSVHETRFEAAVKVIQSLPKNGSFQPTNEMMLKFYSFYKQATEGPCKLSRPGFWDPIGRYKWDAWS  
SLGDMTKEEAMIAYVEEMKKIIETMPMTEKVEELLRVIGPFYEIVEDKKSGRSSDITSDLGNVLTSTPNA  
KTVNGKAESSDSGAESEEEEEAEQEEVKGAEQSDNDKMMKKSADHKNLEIVTNGYDKDGFVQDIQNDIHA  
SSSLNGRSTEEVKPIDENLGQTGKSAVCIHQDINDDHVEDVTGIQHLTSDSDSEVYCDSEMGFGQEEESLD  
SFTSNNGPFQYYLGGHSSQPMENSGFREDIQVPPGNGNIGNMQVVAVEGKGEVKHGGEDGRNNSGAPHRE  
KRGGETDEF SNVRRGRGHRMQHLSEGTKGRQVGS GGDGERWGS DRGSRGSLNEQIALVLMRLQEDMQNVL  
QRLQKLETLTALQAKSSTSTLQTAPQTSQRPSWWPFEMSPGVLTF AIIWPFIAQWL VYL YYQRRRRKLN

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

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- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>4</sub> ]-L-Arginine and [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>2</sub> ]-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><a href="#">NP_001035938</a></u>
RefSeq Size:	3871
RefSeq ORF:	1470
Synonyms:	RDLKD



[View online »](#)

Locus ID: 91452

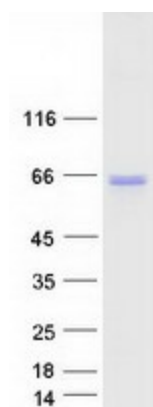
UniProt ID: [Q5T8D3](#), [B7Z2A7](#), [Q8NCM9](#)

Cytogenetics: 10p12.1

**Summary:** This gene encodes a member of the acyl-Coenzyme A binding protein family, known to function in the transport and distribution of long chain acyl-Coenzyme A in cells. This gene may play a role in the differentiation of megakaryocytes and formation of platelets. A related protein in yeast is involved in autophagy of peroxisomes. A mutation in this gene has been associated with autosomal dominant thrombocytopenia. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2014]

**Protein Families:** Transmembrane

### Product images:



Coomassie blue staining of purified ACBD5 protein (Cat# [TP307033]). The protein was produced from HEK293T cells transfected with ACBD5 cDNA clone (Cat# [RC207033]) using MegaTran 2.0 (Cat# [TT210002]).