

Recombinant Human acyl-CoA binding domain containing 6, His-tagged

Cat. No. ACBD6-302H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	ACBD6, 1-282 aa, Human, His tag, E.coli
Species	Human
Source	E.coli
ProteinLength	1-282 a.a.
Description	ACBD6 contains 1 ACB (acyl-CoA-binding) domain and 2 ANK repeats. This protein binds long-chain acyl-coenzyme A molecules with a strong preference for unsaturated C18:1 CoA, lower affinity for unsaturated C20:4-CoA, and very weak affinity for saturated C16:0-CoA. It does not bind fatty acids. Recombinant human ASCC1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 20% glycerol, 1mM DTT
Molecular Mass	33.5 kDa (305aa) confirmed by MALDI-TOF
AA Sequence	MGSSHHHHHH SGLVPRGSH MGSMASFLP AGAITGDSGG ELSSGDDSGE VEFPHSPEIE ETSCLAELFE KAAHLQGLI QVASREQLLY LYARYKQVKV GNCNTPKPSF FDFEGKQKWE AWKALGDSSP SQAMQEYIAV VKKLDPGWNP QIPEKKGKEA NTGFGGPVIS SLYHEETIRE EDKNIFYCR ENNIDHITKA

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IKSKNVDVNV KDEEGRALLH WACDRGHKEL VTVLLQHRAD INCQDNEGQT
ALHYASACEF LDIVELLQS GADPTLRDQD GCLPEEVTGC KTVSLVLQRH TTGKA

Purity >90% by SDS - PAGE

Storage Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.

Concentration 0.5mg/ml (determined by Bradford assay)

GENE INFORMATION

Gene Name [ACBD6 acyl-CoA binding domain containing 6 \[Homo sapiens \]](#)

Official Symbol ACBD6

Synonyms ACBD6; acyl-CoA binding domain containing 6; acyl Coenzyme A binding domain containing 6; acyl-CoA-binding domain-containing protein 6; MGC2404; acyl-Coenzyme A binding domain containing 6;

Gene ID [84320](#)

mRNA Refseq [NM_032360](#)

Protein Refseq [NP_115736](#)

UniProt ID [Q9BR61](#)

Chromosome Location 1q25.1

Function binding; fatty-acyl-CoA binding;

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