

Product information



ACBD6, 1-282 aa

Human, His-tagged, Recombinant, *E.coli*

Cat. No. IBATGP2385

Full name: acyl-CoA-binding domain-containing protein 6

NCBI Accession No.: NP_115736

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 Weight: 33.5 kDa (305aa) confirmed by MALDI-TOF

Purity: > 90% by SDS - PAGE

Concentration: 0.5 mg/ml (determined by Bradford assay)

(kDa)

70

57

40

28

18

13.5

8.5



15% SDS-PAGE (3ug)

Sequences of amino acids:

MGSSHHHHH SSGLVPRGSH MGSMASSFLP AGAITGDSGG ELSSGDSSGE VEFPHSPEIE ETSCLAELFE KAAHLQGLI QVASREQLLY
LYARYKQVKV GNCNTPKPSF FDFEGKQKWE AWKALGDSSP SQAMQEYIAV VKKLDPGWNP QIPEKKGKEA NTGFGGPVIS SLYHEETIRE
EDKNI FDYCR ENNIDHITKA IKSKNVDVNV KDEEGRALLH WACDRGHKEL VTVLLQHRAD INCQDNEGQT ALHYASACEF LDIVELLLLQS
GADPTLRDQD GCLPEEVTGC KTVSLVLQRH TTGKA

General references:

Soupe E., *et al* (2008). *J. Lipid Res.* 49:1103-1112

Burkard T.R., *et al* (2011). *BMC Syst. Biol.* 5:17-17

Storage: Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C.

Avoid repeated freezing and thawing cycles.

For research use only. This product is not intended or approved for human, diagnostics or veterinary use.



Manufactured for:

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