

Recombinant human ACBD6 protein

Catalog Number: ATGP2385

PRODUCT INFORMATION

Expression system

E.coli

Domain

1-282aa

UniProt No.

Q9BR61

NCBI Accession No.

NP_115736

Alternative Names

acyl-CoA-binding domain-containing protein 6, acyl-CoA binding domain containing 6, MGC2404

PRODUCT SPECIFICATION

Molecular Weight

33.5 kDa (305aa) confirmed by MALDI-TOF

Concentration

0.5mg/ml (determined by Bradford assay)

Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 20% glycerol, 1mM DTT

Purity

> 90% by SDS-PAGE

Tag

His-Tag

Application

SDS-PAGE

Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

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.

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Amino acid Sequence

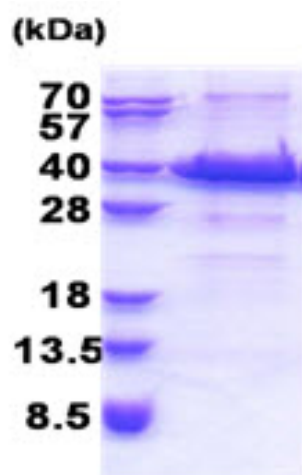
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QVASREQLLY LYARYKQVKV GNCNTPKPSF FDFEGKQKWE AWKALGDSSP SQAMQEYIAV VKKLDPGWNP QIPEKKGKEA
NTGFGGPVIS SLYHEETIRE EDKNIFDYCR ENNIDHITKA IKSKNVDVNV KDEEGRALLH WACDRGHKEL VTVLLQHRAD
INCQDNEGQT ALHYASACEF LDIVELLQS GADPTLRDQD GCLPEEVTGC KTVSLVLQRH TTGKA

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

DATA

SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

15% SDS-PAGE (3ug)