

Product information



ACBP, 1-87 aa

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

Cat. No. IBATGP0567

Full Name: Acyl-CoA-binding protein

NCBI Accession No.: NP_001073331

Synonyms: ACBD1, CCK-RP, EP, DBI

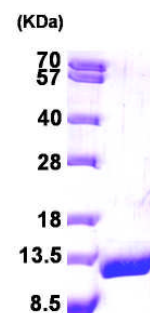
Description: ACBP, also known as ACBD1, is a diazepam binding inhibitor, a protein that is regulated by hormones and is involved in lipid metabolism and the displacement of beta-carbolines and benzodiazepines, which modulate signal transduction at type A gamma-aminobutyric acid receptors located in brain synapses. Expression of ACBP is significantly induced during adipocyte differentiation. ACBP is a target for proliferator-activated receptor (PPAR) γ , and is directly activated by PPAR γ /RXR α and PPAR α /RXR α , but not by PPAR δ /RXR α . Recombinant human ACBP protein, fused to His-tag at N-terminus, was expressed in *E.coli* and purified by using conventional chromatography techniques.

Form: Liquid. In 20 mM Tris-HCl buffer (pH8.0) containing 0.1M NaCl, 10% glycerol

Molecular Weight: 12.2 kDa (107aa), confirmed by MALDI-TOF

Purity: > 95% by SDS - PAGE

Concentration: 1 mg/ml (determined by Bradford assay)



15% SDS-PAGE (3ug)

Sequences of amino acids:

MGSSHHHHHH SSGLVPRGSH MSQAEFEKAA EEVRHLKTKP SDEEMLFYIG HYKQATVGD I NTERPGMLDF TGKAKWDAWN ELKGTSKEDA
MKAYINKVEE LKKKYGI

General references:

Folli F., *et al.* (2010) *PLoS One*. 5(3):e9923.

Manjithaya R., *et al.* (2010) *J Cell Biol*. 188(4):537-46.

WARNING: THIS PRODUCT IS NOT INTENDED OR APPROVED FOR HUMAN, DIAGNOSTICS OR VETERINARY USE. USE OF THIS PRODUCT FOR HUMAN OR ANIMAL TESTING IS EXTREMELY HAZARDOUS AND MAY RESULT IN DISEASE, SEVERE INJURY, OR DEATH.

Product information



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.

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