

Product information



ACAA2, 17-397aa

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

Cat. No. IBATGP2020

Full name: Acetyl-CoA acyltransferase 2

NCBI Accession No.: NP_006102

Synonyms: DSAEC

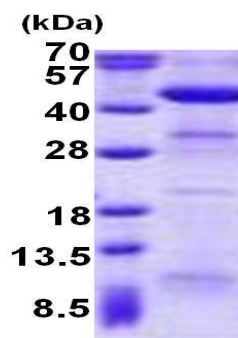
Description: ACAA2 catalyzes the last step of the mitochondrial fatty acid beta-oxidation spiral. Unlike most mitochondrial matrix proteins, it contains a non-cleavable amino-terminal targeting signal. Recombinant human ACAA2 protein, fused to His-tag at N-terminus, was expressed in *E.coli* and purified by using conventional chromatography techniques.

Form: Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 10% glycerol, 1mM DTT

Molecular Weight: 42.6 kDa (404aa) confirmed by MALDI-TOF

Purity: > 85% by SDS - PAGE

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



15% SDS-PAGE (3ug)

Sequences of amino acids:

MGSSHHHHH SSGLVPRGSH MGSGFAYGGL LKDFATDLS EFAAKAALSA GKVSPETVDS VIMGNVLQSS SDAIYLARHV GLRVGIPKET
PALTINRLCG SGFQSI VNGC QEICVKEAEV VLCGGTESMS QAPYCVRNVR FGTKLGS DIK LEDSLWVSLT DQHVQLPMAM TAENLAVKHK
ISREEDKYA LQSQRWKAA NDAGYFNDEM APIEVKTKKG KQTMQVDEHA RPQTTLEQLQ KLPPVFKKDG TVTAGNASGV ADGAGAVIIA
SEDAVKKHNF TPLARIVGYF VSGCDPSIMG IGPVPAISGA LKKAGLSLKD MDLVEVNEAF APQYLAVERS LDLDISKTNV NGGAIALGHP
LGGSGSRITA HLVHELRRRG GKYAVGSACI GGGQGIAV I I QSTA

General references:

Cao, W, et al. (2008) *Biochim. Biophys. Acta* 1780 (6), 873-880

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:

Immuno-Biological Laboratories, Inc. (IBL-America)
8201 Central Ave. NE, Suite P, Minneapolis, Minnesota 55432, USA

Phone: (888) 523-1246 Fax.: (763) 780-2988

Email: info@ibl-america.com Web: www.ibl-america.com