9853 Pacific Heights Blvd.
Suite D. San Diego,
CA 92121, USA
Tel: 858-263-4982
Email: info@abeomics.com

32-2100: ACAA2 Recombinant Protein

Alternative Name : DSAEC,3-ketoacyl-CoA thiolase,mitochondrial,Acetyl-CoA acyltransferase,Beta-ketothiolase.

Description

Source : Escherichia Coli. ACAA2 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 404 amino acids (17-397) and having a molecular mass of 42.6kDa.ACAA2 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. Acetyl-COA Acyltransferase 2, (ACAA2) is a member of the thiolase family. ACAA2 catalyzes the final step of the mitochondrial fatty acid beta-oxidation spiral. Not like most mitochondrial matrix proteins, ACAA2 contains a non-cleavable amino-terminal targeting signal.

Product Info

Amount :	10 µg
Purification :	Greater than 85.0% as determined by SDS-PAGE.
Content :	The ACAA2 solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 10% glycerol and 1mM DTT.
Storage condition :	Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.
Amino Acid :	MGSSHHHHHH SSGLVPRGSH MGSFGAYGGL LKDFTATDLS EFAAKAALSA GKVSPETVDS VIMGNVLQSS SDAIYLARHV GLRVGIPKET PALTINRLCG SGFQSIVNGC QEICVKEAEV VLCGGTESMS QAPYCVRNVR FGTKLGSDIK LEDSLWVSLT DQHVQLPMAM TAENLAVKHK ISREECDKYA LQSQQRWKAA NDAGYFNDEM APIEVKTKKG KQTMQVDEHA RPQTTLEQLQ KLPPVFKKDG TVTAGNASGV ADGAGAVIIA SEDAVKKHNF TPLARIVGYF VSGCDPSIMG IGPVPAISGA LKKAGLSLKD MDLVEVNEAF APQYLAVERS LDLDISKTNV NGGAIALGHP LGGSGSRITA HLVHELRRRG GKYAVGSACI GGGQGIAVII QSTA.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.