

## Acetyl-CoA Acyltransferase 2 Human Recombinant

<b>Item Number</b>	rAP-2014
<b>Synonyms</b>	DSAEC, 3-ketoacyl-CoA thiolase, mitochondrial, Acetyl-CoA acyltransferase, Beta-ketothiolase.
<b>Description</b>	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.
<b>Uniprot Accession Number</b>	P42765
<b>Amino Acid Sequence</b>	MGSSHHHHH SSGLVPRGSH MGSFGAYGGL LKDFATDLS EFAAKAALSA GKVSPETVDS VIMGNVLQSS SDAIYLARHV GLRVGIPKET PALTINRLCG SGFQSIVNGC QEICVKEAEV VLCGGTESMS QAPYCVRNVR FGTKLGSDIK LEDSLWVSLT DQHVQLPMAM TAENLAVKHK ISREEDKYA LQSQRW- KAA NDAGYFNDEM APIEVKTKKG KQTMQVDEHA RPQTTLEQLQ KLPPVFKKDG TVTAGNASGV ADGAGAVIIA SEDAVKKNHF TPLARIVGYF VSGCDPSIMG IGPVPAISGA LKKAGLSLKD MDLVEVNEAF APQYLAVERS LDLDISKTNV NGGAIALGHP LGGSGSRITA HLVHELRRRG GKYAVGSACI GGGQGIAVII
<b>Source</b>	Escherichia Coli.
<b>Physical Appearance and Stability</b>	Sterile Filtered clear solution. 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.
<b>Formulation and Purity</b>	The ACAA2 solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 10% glycerol and 1mM DTT. Greater than 85.0% as determined by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	
<b>Biological Activity</b>	
<b>Shipping Format and Condition</b>	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**