

ACSF2 Antibody

*Acyl-CoA Synthetase Family Member 2, Mouse Anti Human
ABM0009*

Product Overview

Name ACSF2 Antibody

Description

Acyl-CoA Synthetase Family Member 2, Mouse Anti Human

Synonyms

Acyl-CoA Synthetase Family Member 2, PPARG Binding, Long Chain Fatty Acid Acyl Co-A Ligase Like, Acyl-CoA Synthetase Family Member 2, Mitochondrial, EC 6.2.1.26, EC 6.2.1.-, FLJ20920, EC 6.2.1, AVYV493, ACSMW, Acyl-CoA synthetase family member 2, mitochondrial.

Introduction

Acyl-CoA synthetase family member 2, also known as ACSF2 is a member of the ATP-dependent AMP-binding enzyme family. Acyl-CoA synthetases are a family of enzymes which catalyze the thioesterification of fatty acids with coenzymeA to form activated intermediates, which play a basic part in lipid metabolism as well as homeostasis of lipid-related processes. ACSF2 is required for the complex of lipid synthesis, energy production via beta-oxidation, protein acylation and fatty-acid dependent transcriptional regulation. Moreover, ACSF2 is required for fatty acid import into cells by the process of vectorial acylation.

Source

E.coli.

Physical Appearance

Sterile Filtered colorless solution.

Formulation

ACSF2 protein solution (0.5mg/ml) containing Phosphate Buffered Saline pH 7.4 and 10% glycerol.

Stability

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.

Purity

Greater than 95% as determined by SDS-PAGE.

Amino acid sequence

MGSSHHHHHH SSGLVPRGSH MGS LSSREVD RMVSTPIGGL SYVQGCTKKH LNSKTVGQCL ETTAQRVPER
EALVVLHEDV RLTFACLKEE VDKAASGLLS IGLCKGDRLG MWGPNSYAWV LMQLATAQAG IILVSVNPAY

QAMELEYVLK KVGCKALVFP KQFKTQQYYN VLKQICPEVE NAQPGALKSQ RLPDLTTVIS VDAPLPGTLL
LDEVVAAGST RQHLDQLQYN QQFLSCHDPI NIQFTSGTTG SPKGATLSHY NIVNNSNILG ERLKLHEKTP
EQLRMILPNP LYHCLGSVAG TMMCLMYGAT LILASPIFNG KKALEAISRE RGTFLYGTPT MFVDILNQPD
FSSYDISTMC GGVIAGSPAP PELIRAIINK INMKDLVVAY GTTENSPTVF AHFPEDTVEQ KAESVGRIMP
HTEARIMNME AGTLAKLNTP GELCIRGYCV MLGYWGEPQK TEEAVDQDKW YWTGDVATMN EQGFCKIVGR
SKDMIIRGGE NIYPAELEDF FHHPKVQEV QVVGKDDRM GEEICACIRL KDGEETTVEE IKAFCKGKIS
HFKIPKYIVF VTNYPLTISG KIQKFLREQ MERHLNL.

Precautions

ACSF2 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.