

Product datasheet for **TP301096M**

ACAA2 (NM_006111) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins
Description: Recombinant protein of human acetyl-Coenzyme A acyltransferase 2 (ACAA2), nuclear gene encoding mitochondrial protein, 100 µg

Species: Human

Expression Host: HEK293T

Expression cDNA Clone or AA Sequence: >RC201096 protein sequence
 Red=Cloning site Green=Tags(s)

MALLRGVFWAAKRTPFAYGGLLKDFATDLSEFAAKAALSAGKVSPETVDSVIMGNVLQSSSDAIYLA
 RHVGLRVGIPKETPALTINRLCGSGFQSIVNGCQEICVKEAEVWLCGGTESMSQAPYCVNRNVRFGTKLGS
 DIKLEDSLWVSLTDQHVQLPMAMTAENLAVKHKISREEDKYALQSQQRWKAANDAGYFNDEMAPIEVKT
 KKGKQTMQVDEHARPQTTLQLKLPVFKKDGTVTAGNASGVADGAGAVIIASEDAVKKHNFPLARIV
 GYFVSGCDPSIMGIGPVAISGALKKAGLSLKDMDLVEVNEAFAPQYLAVERSLDLDISKTNVNGGAIAL
 GHPLGGSGSRITAHLVHELRRRGGKYAVGSACIGGGQGIIVIIQSTA

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW: 41.7 kDa

Concentration: >0.05 µg/µL as determined by microplate BCA method

Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

Preparation: Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.

Note: For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

Storage: Store at -80°C.

Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

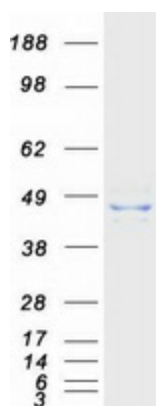
RefSeq: [NP_006102](#)



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Locus ID:	10449
UniProt ID:	P42765 , B3KNP8
RefSeq Size:	1952
Cytogenetics:	18q21.1
RefSeq ORF:	1191
Synonyms:	DSAEC
Summary:	The encoded protein 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. [provided by RefSeq, Jul 2008]
Protein Pathways:	Fatty acid elongation in mitochondria, Fatty acid metabolism, Metabolic pathways, Valine, leucine and isoleucine degradation

Product images:



Coomassie blue staining of purified ACAA2 protein (Cat# [TP301096]). The protein was produced from HEK293T cells transfected with ACAA2 cDNA clone (Cat# [RC201096]) using MegaTran 2.0 (Cat# [TT210002]).