

Product datasheet for TP301096

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, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC201096 protein sequence Red =Cloning site Green =Tags(s)
	MALLRGVFWAAKRTPFAYGGLLKDFATDLSEFAAKAALSAGKVSPETVDSVIMGNVLQSSSDAIYLA RHVGLRVGIPKETPALTINRLCGSGFQSIIVNGCQEICVKEAEVVLCCGGTESMSQAPYCVNRNVRFGTKLGS DIKLEDSLWVSLTDQHVQLPMAMTAENLAVKHKISREECDKYALQSQQRWKAANDAGYFNDEMAPIEVK T KKGKQTMQVDEHARPQTTLQLQKLPPVFKKDGTVTAGNASGVADGAGAVIIASEDAVKKHNFTPLARIV GYFVSGCDPSIMGIGPVPAPISGALKKAGLSLKDMDLVEVNEAFAPQYLAVERSLDLDISKTNVNGGAIAL GHPLGGSGSRITAHLVHELRRRGGKYAVGSACIGGGGQGIIVIIQSTA 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.



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RefSeq: [NP_006102](#)

Locus ID: 10449

UniProt ID: [P42765](#)

RefSeq Size: 1952

Cytogenetics: 18q21.1

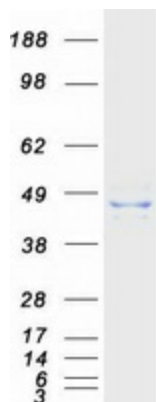
RefSeq ORF: 1191

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]).