

Recombinant Human ACAA2 Protein, GST-Tagged

Cat. No. ACAA2-124H Lot. No. (See product label)

SPECIFICATION

Product Overview	Human ACAA2 full-length ORF (AAH01918.1, 1 a.a. - 397 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	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]
Molecular Mass	68.3 kDa
AA Sequence	MALLRGVVFVAAKRTPPFGAYGGLLKDFATDLSEFAAKAALSAGKVSPETVDSVIMG NVLQSSSDAIYLARHVGLRVGIPKETPALINRLCGSGFQSIVNGCQEICVKEAEVVL CGGTESMSQAPYCVRNVRFGTKLGS DIKLEDSLWVSLTDQHVQLPMAMTAENLAV KHKISREECDKYALQSQRWKAANDAGYFNDEMAPIEVKTKKGGKQTMQVDEHARP QTTLEQLQKLPPVFKDGTVTAGNASGVADGAGAVIIASEDAVKKHNFTPLARIVGYF VSGCDPSIMGIGPVP AISGALKKAGLSLKDMDLVEVNEAFAPQYLAVERSLDDL DISKT NVNGGAI ALGHPLGGSGSRITAHLVHELRRRGGKYAVGSACIGGGQGI AVIIQSTA
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array

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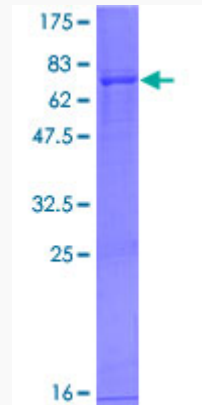
 45-1 Ramsey Road, Shirley, NY 11967, USA

Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
GENE INFORMATION	
Gene Name	ACAA2 acetyl-CoA acyltransferase 2 [Homo sapiens]
Official Symbol	ACAA2
Synonyms	ACAA2; acetyl-CoA acyltransferase 2; acetyl Coenzyme A acyltransferase 2; 3-ketoacyl-CoA thiolase, mitochondrial; DSAEC; mitochondrial 3 oxoacyl Coenzyme A thiolase; T1; beta ketothiolase; beta-ketothiolase; acetyl-Coenzyme A acyltransferase 2; mitochondrial 3-oxoacyl-CoA thiolase; mitochondrial 3-oxoacyl-Coenzyme A thiolase; FLJ35992; FLJ95265;
Gene ID	10449
mRNA Refseq	NM_006111
Protein Refseq	NP_006102
MIM	604770
UniProt ID	P42765

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12.5% SDS-PAGE Stained with Coomassie Blue.

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