

Recombinant Full Length Human ACAA2 Protein, GST-tagged

Cat. No. ACAA2-872HF **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	In Vitro Cell Free System
ProteinLength	397 amino acids
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	MALLRGVFFV AAKRTPFGAY GLLKDFAT DLSEFAAKAA LSAGKVSPET VDSVIMGNVL QSSSDAIYLA RHVGLRVGIP KETPALTINR LCGSGFQSIV NGCQEICVKE AEVVLGGTE SMSQAPYCVR NVRFGTKLGS DIKLEDSLWV SLTDQHVQLP MAMTAENLAV KHKISREED KYALQSQRW KAANDAGYFN DEMAPIEVKT KKGKQTMQVD EHARPQTTL QLQKLPPVFK KDGTVTAGNA SGVADGAGAV IIASEDAVKK HNFTPLARIV GYFVSGCDPS IMGIGPVPAI SGALKKAGLS LKMDLVEVN EAFAPQYLAV ERSLLDISK TNVNGGAIAL GHPLGGSGSR ITAHLVHEL RRGKAYAVGS ACIGGGQGIA VIIQSTA
Applications	Enzyme-linked Immunoabsorbent Assay

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Western Blot (Recombinant protein)
Antibody Production
Protein Array

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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