

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 KHKISREECD 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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