



# Recombinant Human 3-ketoacyl-CoA thiolase, mitochondrial (ACAA2)

<b>Product Code</b>	CSB-MP001118HU
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
<b>Uniprot No.</b>	P42765
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	FGAYGGLLKDFATDLSEFAAKAALSAGKVSPETVDSVIMGNVLQSSSDAIYLA RHVGLRVGIPKETPALINRLCGSGFQSIVNGCQEICVKEAEVVLCCGGTESMS QAPYCVRNVRFGTKLGS DIKLEDSLWVSLTDQHVQLPMAMTAENLAVKHKISR EECDKYALQSQRWKAANDAGYFNDEMAPIEVKTKKGGKQTMQVDEHARPQT TLEQLQKLPPVFKKDGTVTAGNASGVADGAGAVIIASEDAVKKHNFTPLARIVG YFVSGCDPSIMGIGPVAISGALKKAGLSLKDMDLVEVNEAFAPQYLAVERSLD LDISKTNVNGGAIALGHPLGGSGSRITAHLVHELRRRGGKYAVGSACIGGGQGI AVIIQSTA
<b>Research Area</b>	Metabolism
<b>Source</b>	Mammalian cell
<b>Target Names</b>	ACAA2
<b>Expression Region</b>	17-397aa
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Full Length of Mature Protein
<b>Target Details</b>	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.
<b>Reconstitution</b>	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
<b>Shelf Life</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.