



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

Product Code	CSB-EP001118HU-B
Storage	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.
Uniprot No.	P42765
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	FGAYGGLLKDFATDLSEFAAKAALSAGKVSPETVDSVIMGNVLQSSSDAIYLA RHVGLRVGIPKETPALINRLCGSGFQSIVNGCQEICVKEAEVVLCCGGTESMS QAPYCVRNVRFGTKLGS DIKLEDSLWVSLTDQHVQLPMAMTAENLAVKHKISR EECDKYALQSQRWKAANDAGYFNDEMAPIEVKTKKGGKQTMQVDEHARPQT TLEQLQKLPPVFKKDGTVTAGNASGVADGAGAVIIASEDAVKKHNFTPLARIVG YFVSGCDPSIMGIGPVAISGALKKAGLSLKDMDLVEVNEAFAPQYLAVERSLD LDISKTNVNGGAIALGHPLGGSGSRITAHLVHELRRRGGKYAVGSACIGGGQGI AVIIQSTA
Research Area	Metabolism
Source	E.coli
Target Names	ACAA2
Expression Region	17-397aa
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full Length of Mature Protein
Target Details	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.
Reconstitution	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.
Shelf Life	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.