



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

Product Code	CSB-YP001118HU
Relevance	Abolishes BNIP3-mediated apoptosis and mitochondrial damage.
Abbreviation	Recombinant Human ACAA2 protein
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
Alias	Acetyl-CoA acyltransferase;Beta-ketothiolase;Mitochondrial 3-oxoacyl-CoA thiolase T1
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥ 90% as determined by SDS-PAGE.
Sequence	FGAYGGLLKDFATDLSEFAAKAALSAGKVSPETVDSVIMGNVLQSSSDAIYLA RHVGLRVGIPKETPALINRLCGSGFQSVNGCQEICVKEAEVVLGGTESMS QAPYCVRNVRFGTKLGS DIKLEDSLWVSLTDQHVQLPMAMTAENLAVKHKISR EECDKYALQSQRWKAANDAGYFNDEMAPIEVKTKKGKQTMQVDEHARPQT TLEQLQKLPPVFKDGTVTAGNASGVADGAGAVIIASEDAVKKHNFTPLARIVG YFVSGCDPSIMGIGPVAISGALKKAGLSLKDMDLVEVNEAFAPQYLAVERSLD LDISKTNVNGGAIALGHPLGGSGSRITAHLVHELRRRGGKYAVGSACIGGGQGI AVIIQSTA
Research Area	Metabolism
Source	Yeast
Target Names	ACAA2
Protein Names	Recommended name: 3-ketoacyl-CoA thiolase, mitochondrial EC= 2.3.1.16 Alternative name(s): Acetyl-CoA acyltransferase Beta-ketothiolase Mitochondrial 3-oxoacyl-CoA thiolase T1
Expression Region	17-397aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-tagged
Mol. Weight	42.2kDa
Protein Length	Partial
Image	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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.