

3-ketoacyl-CoA thiolase Recombinant Protein | THIM recombinant protein

Recombinant Human 3-ketoacyl-CoA thiolase, mitochondrial

CATALOG #
AAA309725

HOST
E Coli

PRODUCT SYNONYMS

3-ketoacyl-CoA thiolase; Recombinant Human 3-ketoacyl-CoA thiolase; mitochondrial; Acetyl-CoA acyltransferase; Beta-ketothiolase; Mitochondrial 3-oxoacyl-CoA thiolase; T1; THIM recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	Greater than 90% as determined by SDS-PAGE.
Form/Format	20mM Tris-HCl based buffer, pH8.0
Sequence Positions	Full Length, 17-397aa
Tag Info	N-terminal 6xHis-tagged
Calculated MW	44.2 kDa.
Target Sequence	FGAYGGLLKDFTATDLSEFAAKAALSAGKVSPETVDSVIMGNVLQSSSDAIYLARHVGLRVGIPKETPALTINRL CGSGFQSIVNGCQEICVKEAEVLCGGTESMSQAPYCVNRNVRFGTKLGSDIKLEDSLWVSLTDQHVQLPMAMTAE NLAVKHKISREECDKYALQSQRWKAANDAGYFNDEMAPIEVKTKKGKQTMQVDEHARPQTTLQLKLPVFKK DGTVTAGNASGVADGAGAVIIASEDAVKKHNFTPLARIVGYFVSGCDPSIMGIGPVP AISGALKKAGLSLKDMDL VEVNEAFAPQYLAVERSLDLDISKTNVNGGAIALGHPLGGSGSRITAHLVHELRRRGGKYAVGSACIGGGQGIAV IIQSTA
Preparation and 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. Notes: Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week

ADDITIONAL INFORMATION

Related Product Information for THIM recombinant protein	Abolishes BNIP3-mediated apoptosis and mitochondrial damage.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	167614485
NCBI GeneID	10449
NCBI Accession #	NP_006102.2
NCBI GenBank Nucleotide #	NP_006102.2
UniProt Accession #	P42765; Q9BUT6
NCBI Official Full Name	3-ketoacyl-CoA thiolase, mitochondrial
NCBI Official Synonym Full Names	acetyl-CoA acyltransferase 2

NCBI Official Symbol	ACAA2
NCBI Official Synonym Symbols	DSAEC
NCBI Protein Information	3-ketoacyl-CoA thiolase, mitochondrial
UniProt Protein Name	3-ketoacyl-CoA thiolase, mitochondrial
UniProt Gene Name	ACAA2

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/acaa2-recombinant-protein-e-coli/309725>