

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

Catalog No: #AP70004

Package Size: #AP70004-1 20ug #AP70004-2 100ug #AP70004-3 1mg

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Description

Product Name	Recombinant Human 3-ketoacyl-CoA thiolase, mitochondrial(ACAA2)
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:17-397aaSequence Info:Full Length
Other Names	Acetyl-CoA acyltrans ferase;Beta-ketothiolase;Mitochondrial 3-oxoacyl-CoA thiolase;T1
Accession No.	P42765
Calculated MW	44.2 kDa
Tag Info	N-terminal 6xHis-tagged
Target Sequence	FGAYGGLLKDFTATDLSEFAAKAALSAGKVSPETVDSVIMGNVLQSSSDAIYLARHVGLRVGIPKETPALTINRL CGSGFQSIVNGCQEICVKEAEVVLCCGGTESMSQAPYCVNRNVRFGTKLGSIDKLEDSLWVSLTDQHVQLPMAM TAENLAVKHKISREECDKYALQSQQRWKAANDAGYFNDEMAPIEVKTKKGKQTMQVDEHARPQTTLQQLKL PPVFKKDGTVTAGNASGVADGAGAVIIASEDAVKKHNFPLARIVGYFVSGCDPSIMGIGPVPAISGALKKAGL SLKDMDLVEVNEAFAPQYLAVERSLDLDISKTNVNGGAIALGHPLGGSGSRITAHLVHELRRRGKYAVGSACI GGGQGIAVIIQSTA
Formulation	Tris-based buffer50% glycerol
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.

Background

Abolishes BNIP3-mediated apoptosis and mitochondrial damage.

References

An enzyme assisted RP-RPLC approach for in-depth analysis of human liver phosphoproteome.Bian Y., Song C., Cheng K., Dong M., Wang F., Huang J., Sun D., Wang L., Ye M., Zou H.J. Proteomics 96:253-262(2014)Research Topic:Metabolism

Note: This product is for in vitro research use only and is not intended for use in humans or animals.