

Product datasheet for **AR50844PU-S**

ACAA2 (17-397, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	ACAA2 (17-397, His-tag) human recombinant protein, 50 µg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSFGAYGGL LKDFATDLS EFAAKAALSA GKVSPETVDS VIMGNVLQSS SDAIYLARHV GLRVGIPKET PALTINRLCG SGFQSIVNGC QEICVKEAEV VLCGGTESMS QAPYCVRNVR FGTKLGSDIK LEDSLWVSLT DQHVQLPMAM TAENLAVKHK ISREECDKYA LQSQQRWKAA NDAGYFNDEM APIEVKTKKG KQTMQVDEHA RPQTLEQLQ KLPPVFKKDG TVTAGNASGV ADGAGAVIIA SEDAVKKHNF TPLARIVGYF VSGCDPSIMG IGPVPAISGA LKKAGLSLKD MDLVEVNEAF APQYLAVERS LDLDISKTNV NGGAIALGHP LGGSGSRITA HLVHELRRRQ GKYAVGSACI GGGQGIIVII QSTA
Tag:	His-tag
Predicted MW:	42.6 kDa
Concentration:	lot specific
Purity:	>85% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 10% glycerol, 1 mM DTT
Preparation:	Liquid purified protein
Protein Description:	Recombinant human ACAA2 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_006102
Locus ID:	10449
UniProt ID:	P42765



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Cytogenetics:	18q21.1
Synonyms:	Beta-ketothiolase, Acetyl-CoA acyltransferase
Summary:	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. [provided by RefSeq, Jul 2008]
Protein Pathways:	Fatty acid elongation in mitochondria, Fatty acid metabolism, Metabolic pathways, Valine, leucine and isoleucine degradation

Product images: