

Recombinant Human ACAA1 Protein (27-331 aa), His-SUMO-tagged

Cat. No. ACAA1-302H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ACAA1 Protein (27-331 aa) is produced by E. coli expression system. This protein is fused with a 6xHis-SUMO tag at the N-terminal. Research Area: Metabolism. Protein Description: Full Length of Mature Protein.
Species	Human
Source	E.coli
ProteinLength	27-331 aa
Form	Tris-based buffer, 50% glycerol
Molecular Mass	47.9 kDa
AA Sequence	LSGAPQASAADV VVHGRRTAICRAGRGGFKDTPDELLSAVMTAVLKDVNLRPEQ LGDICVGNVLQPGAGAIMARIAQFLSDIPETVPLSTVNRQCSSGLQAVASIAGGIRNG SYDIGMACGITSENVAERFGISREKQDTFALASQQKAARAQSKGCFQAEIVPVT TTV HDDKGTKRSITVTQDEGIRPSTTMEGLAKLKP AFKKDGSTTAGLTVSDVDIFEINEAF ASQAAYCVEKLRLPPEKVNPLGGAV ALGHPLGCTGARQVITLLNELKRRGKRAYGV VSMCIGTGMGAAAVFEYPGN
Purity	> 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4

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centigrade for up to one week.

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 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.

Concentration

A hardcopy of COA with concentration instruction is sent along with the products.

GENE INFORMATION

Gene Name [ACAA1 acetyl-CoA acyltransferase 1 \[Homo sapiens \]](#)

Official Symbol [ACAA1](#)

Synonyms ACAA1; beta-ketothiolase; ACAA; THIO; PTHIO;

Gene ID [30](#)

mRNA Refseq [NM_001130410](#)

Protein Refseq [NP_001123882](#)

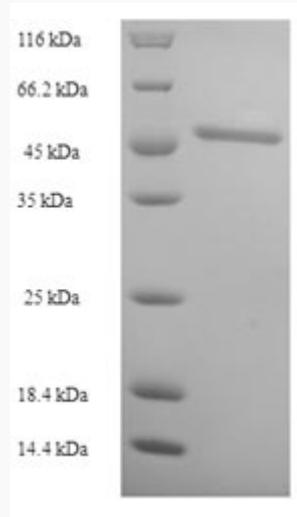
MIM [604054](#)

UniProt ID [P09110](#)

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

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