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	LSGAPQASAADVVVVHGRRTAICRAGRGGFKDTTPDELLSAVMTAVLKDVNLRPEQ LGDICVGNVLQPGAGAIMARIAQFLSDIPETVPLSTVNRQCSSGLQAVASIAGGIRNG SYDIGMACGITSENVAERFGISREKQDTFALASQQKAARAQSKGCFQAEIVPVTTTV HDDKGTKRSITVTQDEGIRPSTTMEGLAKLKPAFKKDGSTTAGLTVSDVDIFEINEAF ASQAAYCVEKLRLPPEKVNPLGGAVALGHPLGCTGARQVITLLNELKRRGKRAYGV VSMCIGTGMGAAAVFEYPGN
Purity	> 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4

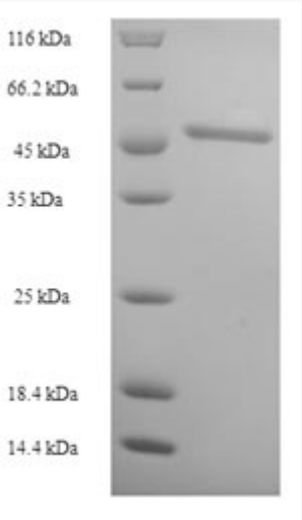
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	centigrade for up to one week.
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 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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