

Recombinant Human ACOT12 protein, His-tagged

Cat. No. ACOT12-9297H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ACOT12 protein(206-555 aa), fused with N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	206-555 aa
Tag	N-His
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.
Purity	90%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.
Reconstitution	Reconstitute at 0.25 µg/µl in 200 µl sterile water for short-term storage. After reconstitution with sterile water, if glycerol has no effect on subsequent experiments, it is recommended to add an equal volume of glycerol for long-term storage.

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AA Sequence

MAWMETVATISASRLCWAHPFLKSVD MFKFRGPSTVGDRLVFTAIVNNTFQTCVEV
 GVRVEAFDCQEWAEGRGRHINSAFLIYNAADDKENLITFPRIQPISKDDFRRYRGAIA
 RKRIRLGRKYVISHKEEVPLCIHWDISKQASLSDSNVEALKKLAARGWEVTSTVEKI
 KIYTL EEHDVLSVWVEKHVGSPAHLAYRLLSDFTKRPLWDPHFVSCEVIDWVSEDD
 QLYHITCPILNDDKPKDLVVLVSRRKPLKDGNTYTVAVKSVILPSVPPSPQYIRSEIICA
 GFLIHAIDNSCIVSYFNHMSASILPYFAGNLGGWSKSIEETAASCIQFLENPPDDGFV
 STF

GENE INFORMATION
Gene Name

[ACOT12 acyl-CoA thioesterase 12 \[Homo sapiens \]](#)

Official Symbol

[ACOT12](#)

Synonyms

ACOT12; acyl-CoA thioesterase 12; acyl-coenzyme A thioesterase 12; Cach; StAR related lipid transfer (START) domain containing 15; STARD15; THEAL; hCACH-1; cytosolic acetyl-CoA hydrolase; acyl-CoA thioester hydrolase 12; START domain-containing protein 15; cytoplasmic acetyl-CoA hydrolase 1; StAR-related lipid transfer (START) domain containing 15; CACH-1; MGC105114;

Gene ID

[134526](#)

mRNA Refseq

[NM_130767](#)

Protein Refseq

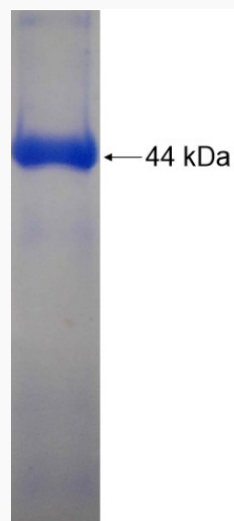
[NP_570123](#)

MIM

[614315](#)

UniProt ID

[Q8WYK0](#)

SDS-PAGE

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