

Recombinant Full Length Human ACOT12 Protein, GST-tagged

Cat. No. ACOT12-785HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human ACOT12 full-length ORF (BAG53821.1, 1 a.a. - 555 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	555 amino acids
Description	ACOT12 (Acyl-CoA Thioesterase 12) is a Protein Coding gene. Among its related pathways are Metabolism and Pyruvate metabolism. GO annotations related to this gene include lipid binding and acetyl-CoA hydrolase activity. An important paralog of this gene is ACOT11.
Molecular Mass	88.4 kDa
AA Sequence	MERPAPGEVV MSQAIQPAHA TARGELSAGQ LLKWIDTTAC LAAEKHAGVS CVTASVDDIQ FEETARVGQV ITIKAKVTRA FSTSMEISIK VMVQDMLTGI EKLVSFAFST FVAKPVGKEK IHLKPVTLLT EQDHVEHNLA AERRKVRLQH EDTFNNLMKE SSKFDDLIFD EEEGAVSTRG TSVQSIELVL PPHANHHGNT FGGQIMAWME TVATISASRL CWAHPFLKSV DMFKFRGPST VGDRLVFTAI VNNTFQTCVE VGV RVEAFDC QEWAEGRGRH INSAFLIYNA ADDKENLITF PRIQPISKDD FRRYRGAIAR KRIRLGRKYV ISHKEEVPLC IHWDISKQAS LSDSNVEALK KLAARKGWEV TSTVEKIKIY TLEEHDVLSV WVEKHVGSPA HLAYRLLSDF TKRPLWDPHF VSCEVIDWVS EDDQLYHITC PILNDDKPKD

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

LVVLVSRKRP LKDGNTYTVA VKSVILPSVP PSPQYIRSEI ICAGFLIHAI
DSNSCIVSYF NHMSASILPY FAGNLGGWSK SIEETAASCI QFLENPPDDG FVSTF

Applications

Enzyme-linked Immunoabsorbent Assay
Western Blot (Recombinant protein)
Antibody Production
Protein Array

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

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](#)

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UniProt ID

Q8WYK0

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