

Recombinant Human ACOT12 Protein, GST-Tagged

Cat. No. ACOT12-168H **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	Wheat Germ
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	MERPAPGEVVMQSQAIPAHATARGELSAGQLLKWIDTTACLA AEKHAGVSCVTASV DDIQFEETARVGQVITIKAKVTRAFSTSMEISIKVMVQDMLTGIEKLVSVAFSTFVAKP VGKEKIHLKPVTLLTEQDHVEHNLA AERRKVRLQHEDTFNNLMKESSKFDDLIFDEE EGAVSTRGTSVQSIELVLP PHANHHGNTFGGQIMAWMETVATISASRLCWAHPFLK SVDMFKFRGPSTVGDRLVF TAIVNNTFQTCVEVGV RVEAFDCQEWA EGRGRHINSA FLIYNAADDKENLITFPRIQPISKDDFRRYRGAIARKRIRLGRKYVISHKEEVPLCIHWD ISKQASLSDSNVEALKKLA AARGWEVTSTVEKIKIY TLEEHDVLSVWVEKHV GSPAHL AYRLLSDFTKRPLWDPHFV SCEVIDWVSEDDQLYHITCPILNDDKPKDLVVLVSRRK PLKDGNTYTVAVKSVILPSVPPSPQYIRSEIICAGFLIHAIDSN SCIVSYFNHMSASILPY FAGNLGGWSKSIEETAASCIQFLENPPDDGFVSTF

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Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
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

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