

Recombinant Full Length Human ACOT2 Protein, GST-tagged

Cat. No. ACOT2-583HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human ACOT2(1 a.a. - 483 a.a.) fused with GST tag at N-terminal was expressed in Wheat Germ.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	483 amino acids
Description	Acyl-CoA thioesterases, such as ACOT2, are a group of enzymes that hydrolyze CoA esters, such as acyl-CoAs, bile CoAs, and CoA esters of prostaglandins, to the corresponding free acid and CoA (Hunt et al., 2005 [PubMed 16103133]).
Form	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	79.6 kDa
AA Sequence	MSNKLLSPHP HSVVLRSEFK MASSPAVLRA SRLYQWSLKS SAQFLGSPQL RQVGQIIRVP ARMAATLILE PAGRCCWDEP VRIAVRGLAP EQPVTLRASL RDEKGALFQA HARYRADTLG ELDLERAPAL GGSFAGLEPM GLLWALEPEK PLVRLVKRDV RTPLAVVLEV LDGHDPDPGR LLCQTRHERY FLPPGVRREP VRVGRVRGTL FLPPEPGPFP GIVDMFGTGG GLLEYRASLL AGKGFVAMAL AYYNYEDLPK TMETLHLEYF EEAMNYLLSH PEVKGPGVGL LGISKGGELC LSMASFLKGI TAAVVINGSV ANVGGLTRYK GETLPPVGVN RNRIKVTKDG YADIVDVLNS PLEGPDQKSF IPVERAESTF LFLVGQDDHN WKSEFYANEA

 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

CKRLQAHGRR KPQIICYPET GHYIEPPYFP LCRASLHALV GSPIIWGGEP
RAHAMAQVDA WKQLQTFFHK HLGREGTIP SKV

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.

GENE INFORMATION

Gene Name

ACOT2 acyl-CoA thioesterase 2 [Homo sapiens]

Official Symbol

ACOT2

Synonyms

MTE1; PTE2; CTE1A; PTE2A; CTE-1A; ZAP128; acyl-coenzyme A thioester
hydrolase 2a; long-chain acyl-CoA thioesterase 2; mitochondrial acyl-CoA
thioesterase 1; peroxisomal long-chain acyl-coA thioesterase 2

Gene ID

10965

mRNA Refseq

NM_006821

Protein Refseq

NP_006812

MIM

609972

UniProt ID

P49753

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