

Recombinant Full Length Human ACOT8 Protein, GST-tagged

Cat. No. ACOT8-793HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human ACOT8 full-length ORF (NP_005460.2, 1 a.a. - 319 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	319 amino acids
Description	The protein encoded by this gene is a peroxisomal thioesterase that appears to be involved more in the oxidation of fatty acids rather than in their formation. The encoded protein can bind to the human immunodeficiency virus-1 protein Nef, and mediate Nef-induced down-regulation of CD4 in T-cells. [provided by RefSeq, Oct 2010]
Molecular Mass	62.3 kDa
AA Sequence	MSSPQAPEDG QGCGDRGDPP GDLRSVLVTT VLNLEPLDED LFRGRHYWVP AKRLFGGQIV GQALVAAKS VSEDVHVHSL HCYFVRAGDP KLPVLYQVER TRTGSSFSVR SVKAVQHGKP IFICQASFQQ AQPSPMQHQF SMPTVPPPEE LLDCETLIDQ YLRDPNLQKR YPLALNRIAA QEVPIEIKPV NPSPLSQLQR MEPKQMFVWR ARGYIGEGDM KMHCCVAAYI SDYAFLGTAL LPHQWQHKKVH FMVSLDHSMW FHAPFRADHW MLYECESPPWA GGSRLVHGR LWRQDGVLA TCAQEGVIRV KPQVSESKL

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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	ACOT8 acyl-CoA thioesterase 8 [Homo sapiens]
Official Symbol	ACOT8
Synonyms	ACOT8; acyl-CoA thioesterase 8; peroxisomal acyl CoA thioesterase , peroxisomal acyl CoA thioesterase 1 , PTE1; acyl-coenzyme A thioesterase 8; choloyl CoA hydrolase; hACTE III; hTE; PTE 2; thioesterase II; thioesterase III; choloyl-CoA hydrolase; palmitoyl-CoA hydrolase; choloyl-coenzyme A thioesterase; long-chain fatty-acyl-CoA hydrolase; peroxisomal acyl-CoA thioesterase 1; HIV-Nef associated acyl-CoA thioesterase; peroxisomal long-chain acyl-CoA thioesterase 1; peroxisomal acyl-coenzyme A thioester hydrolase 1; PTE1; PTE2; PTE-1; PTE-2; HNAACTE; hACTE-III
Gene ID	10005
mRNA Refseq	NM_005469
Protein Refseq	NP_005460
MIM	608123

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UniProt ID

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