

# Recombinant Full Length Human ACOT8 Protein, GST-tagged

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

## SPECIFICATION

<b>Product Overview</b>	Human ACOT8 full-length ORF ( NP_005460.2, 1 a.a. - 319 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>ProteinLength</b>	319 amino acids
<b>Description</b>	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]
<b>Molecular Mass</b>	62.3 kDa
<b>AA Sequence</b>	MSSPQAPEDG QGCGDRGDPP GDLRSVLVTT VLNLEPLDED LFRGRHYWVP AKRLFGGQIV GQALVAAAKS VSEDVHVHSL HCYFVRAGDP KLPVLYQVER TRTGSSFSVR SVKAVQHGKP IFICQASFQQ AQPSPMQHQF SMPTVPPPEE LLDCETLIDQ YLRDPNLQKR YPLALNRIAA QEVPIEIKPV NPSPLSQLQR MEPKQMFWVR ARGYIGEGDM KMHCCVAAI SDYAFLGTAL LPHQWQHKVH FMVSLDHSMW FHAPFRADHW MLYECESPPWA GGSRGLVHGR LWRQDGVLA TCAQEGVIRV KPQVSESKL

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<b>Applications</b>	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
<b>Storage</b>	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
<b>GENE INFORMATION</b>	
<b>Gene Name</b>	ACOT8 acyl-CoA thioesterase 8 [ Homo sapiens ]
<b>Official Symbol</b>	ACOT8
<b>Synonyms</b>	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
<b>Gene ID</b>	10005
<b>mRNA Refseq</b>	NM_005469
<b>Protein Refseq</b>	NP_005460
<b>MIM</b>	608123

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