

## Recombinant Human ACOX1 protein(Met1-Leu660), His-tagged

**Cat. No.** ACOX1-2491H    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human ACOX1 (AAH08767.1) (Met 1-Leu 660) was expressed in Insect Cells, fused with a polyhistidine tag at the N-terminus.
<b>Species</b>	Human
<b>Source</b>	Insect Cells
<b>ProteinLength</b>	Met1-Leu660
<b>Form</b>	Lyophilized from sterile 20mM Tris, 500mM NaCl, pH 7.0, 20% gly, 3mM DTT Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
<b>Molecular Mass</b>	The recombinant human ACOX1 consists of 679 amino acids and has a calculated molecular mass of 76.7 kDa. It migRates as an approximately 60 kDa band in SDS-PAGE under reducing conditions.
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method
<b>Purity</b>	> 85 % as determined by SDS-PAGE
<b>Storage</b>	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

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

**Reconstitution** It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

## GENE INFORMATION

**Gene Name** [ACOX1 acyl-CoA oxidase 1, palmitoyl \[ Homo sapiens \]](#)

**Official Symbol** [ACOX1](#)

**Synonyms** ACOX1; acyl-CoA oxidase 1, palmitoyl; acyl Coenzyme A oxidase 1, palmitoyl; peroxisomal acyl-coenzyme A oxidase 1; PALMCOX; AOX; palmitoyl-CoA oxidase; straight-chain acyl-CoA oxidase; acyl-CoA oxidase, straight-chain; peroxisomal fatty acyl-CoA oxidase; acyl-Coenzyme A oxidase 1, palmitoyl; ACOX; SCOX; MGC1198;

**Gene ID** [51](#)

**mRNA Refseq** [NM\\_001185039](#)

**Protein Refseq** [NP\\_001171968](#)

**MIM** [609751](#)

**UniProt ID** [Q15067](#)

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