# **Human ACOX1 / AOX (His Tag) recombinant** protein

Catalog Number: 502191



#### **General Information**

#### **Gene Name Synonym**

Palmitoyl-CoA oxidase; Straight-chain acyl-CoA oxidase

#### **Protein Construction**

A DNA sequence encoding the human ACOX1 (AAH08767.1) (Met 1-Leu 660) was expressed, with a polyhistidine tag at the N-terminus.

## **Organism**

Human

### **Expression Host**

Baculovirus-Insect Cells

# **QC Testing**

#### **Purity**

> 92 % as determined by SDS-PAGE

#### **Endotoxin**

< 1.0 EU per  $\mu g$  of the protein as determined by the LAL method

#### **Stability**

Samples are stable for up to twelve months from date of receipt at -70  $^{\circ}\text{C}$ 

#### **Predicted N terminal**

Met

#### **Molecular Mass**

The recombinant human ACOX1consists 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.

#### **Formulation**

Lyophilized from sterile 20mM Tris, 500mM NaCl, pH 7.0, 20% gly, 3mM DTT

- 1. 5 % trehalose and mannitol are added as protectants before lyophilization.
- 2. Please contact us for any concerns or special requirements.

## **Usage Guide**

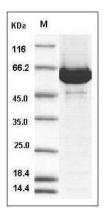
#### Storage

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.

#### Reconstitution

Adding sterile water, prepare a stock solution of 0.25 mg/ml. Concentration is measured by UV-Vis.

#### **SDS-PAGE**



Human ACOX1 / aox Protein (His Tag) SDS-PAGE