

# 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°C

### Predicted N terminal

Met

### Molecular Mass

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.

### 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

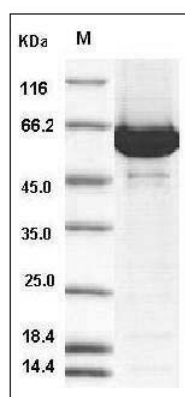
### Storage

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