

# Human LCAT (His Tag) recombinant protein



Catalog Number: 501271

## General Information

### Gene Name Synonym

Lecithin-cholesterol acyltransferase; Phospholipid-cholesterol acyltransferase

### Protein Construction

A DNA sequence encoding the human LCAT (NP\_000220.1) (Met1-Glu440) was expressed with a polyhistidine tag at the C-terminus.

### Organism

Human

### Expression Host

Human Cells

## QC Testing

### Purity

> 85 % as determined by SDS-PAGE.

### Endotoxin

< 1.0 EU per  $\mu\text{g}$  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

Phe 25

### Molecular Mass

The recombinant human LCAT consists 427 amino acids and predicts a molecular mass of 48.5 kDa.

### Formulation

Lyophilized from sterile PBS, pH 7.4.

1. 5 % trehalose and mannitol are added as protectants before lyophilization.

2. Please contact us for any concerns or special requirements.

## Usage Guide

### Storage

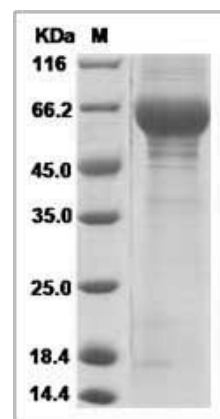
Store it under sterile conditions at  $-20^{\circ}\text{C}$  to  $-80^{\circ}\text{C}$ .

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



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