

# Human LTC4S (His Tag) recombinant protein



Catalog Number: 501303

## General Information

### Gene Name Synonym

Leukotriene-C(4) synthase

### Protein Construction

A DNA sequence encoding the human LTC4S (NP\_665874.1) (Met 1-Ala 150) was fused with a polyhistidine tag at the C-terminus.

### Organism

Human

### Expression Host

Baculovirus-Insect Cells

## QC Testing

### Purity

> 90 % as determined by SDS-PAGE

### Endotoxin

< 1.0 EU per  $\mu\text{g}$  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 1

### Molecular Mass

The recombinant human LTC4S consists of 156

amino acids and predicts a molecular mass of 17 kDa as estimated in SDS-PAGE under reducing conditions.

### Formulation

Lyophilized from sterile 50mM Hepes, 0.1% Triton 0.5% DOC, 10% Gly, pH 8.0

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

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

## Usage Guide

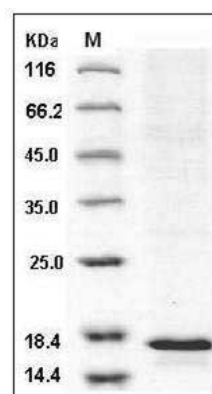
### Storage

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



Human LTC4S / LTC4 synthase Protein (His Tag)  
SDS-PAGE