

## Active Recombinant Human LTA4H protein, His-tagged

**Cat. No.** LTA4H-305H    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human LTA4H protein(NP_000886.1)(Met1-Asp611), fused with His tag, was expressed in Insect Cells.
<b>Species</b>	Human
<b>Source</b>	Insect Cells
<b>ProteinLength</b>	Met1-Asp611
<b>Form</b>	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
<b>Bio-activity</b>	Measured by its ability to cleave the fluorogenic peptide substrate, Arg-7-amido-4-methylcoumarin(R-AMC). The specific activity is > 15 pmoles/min/μg.
<b>Molecular Mass</b>	The recombinant human LTA4H consists of 621 amino acids and predicts a molecular mass of 70.7 kDa. It migrates as approximately 58-68 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>	> 95 % as determined by SDS-PAGE
<b>Storage</b>	Store at -20°C/-80°C upon receipt, aliquoting is necessary for multiple use. 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** LTA4H leukotriene A4 hydrolase [ Homo sapiens ]

**Official Symbol** LTA4H

**Synonyms** LTA4H; leukotriene A4 hydrolase; leukotriene A-4 hydrolase; LTA-4 hydrolase; FLJ17564;

**Gene ID** 4048

**mRNA Refseq** NM\_000895


**Protein Refseq** NP\_000886

**MIM** 151570

**UniProt ID** P09960

 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