

## Recombinant Human LTA4H Protein, His-tagged

**Cat. No.** LTA4H-306H    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human LTA4H Protein (Met 1 - Asp 611) (NP_000886.1), fused with a polyhistidine tag at the C-terminus, was expressed in HEK293.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	Met 1 - Asp 611
<b>Form</b>	Lyophilized from sterile 50 mM Tris, 100 mM NaCl, pH 7.5, 10% trehalose.
<b>Molecular Mass</b>	Recombinant Human LTA4H Protein has a calculated MW of 70.1 kDa. The protein migrates as 62-72 kDa on a SDS-PAGE gel under reducing (R) condition.
<b>Endotoxin</b>	Less than 1.0 EU per µg by the LAL method.
<b>Purity</b>	>95% as determined by SDS-PAGE.
<b>Stability</b>	Samples are stable for up to twelve months from date of receipt at -70°C.
<b>Storage</b>	Store it under sterile conditions at -20°C~-70°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
<b>Reconstitution</b>	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.

 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

## GENE INFORMATION

<b>Gene Name</b>	LTA4H leukotriene A4 hydrolase [ Homo sapiens ]
<b>Official Symbol</b>	LTA4H
<b>Synonyms</b>	LTA4H; leukotriene A4 hydrolase; leukotriene A-4 hydrolase; LTA-4 hydrolase; FLJ17564;
<b>Gene ID</b>	4048
<b>mRNA Refseq</b>	NM_000895
<b>Protein Refseq</b>	NP_000886
<b>MIM</b>	151570
<b>UniProt ID</b>	P09960
<b>Chromosome Location</b>	12q22
<b>Pathway</b>	Arachidonic acid metabolism, organism-specific biosystem; Arachidonic acid metabolism, conserved biosystem; Eicosanoid Synthesis, organism-specific biosystem; Leukotriene synthesis, organism-specific biosystem; Metabolic pathways, organism-specific biosystem; Metabolism, organism-specific biosystem; Metabolism of lipids and lipoproteins, organism-specific biosystem;
<b>Function</b>	aminopeptidase activity; binding; epoxide hydrolase activity; epoxide hydrolase activity; leukotriene-A4 hydrolase activity; leukotriene-A4 hydrolase activity; metal ion binding; metallopeptidase activity; peptidase activity; zinc ion binding;

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