

## Active Recombinant Mouse LTA4H protein, His-tagged

**Cat. No.** LTA4H-859M    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse LTA4H protein(NP_032543.2)(Met1-Asp611), fused with His tag, was expressed in Insect Cells.
<b>Species</b>	Mouse
<b>Source</b>	Insect Cells
<b>ProteinLength</b>	Met1-Asp611
<b>Form</b>	Lyophilized from sterile 50mM Tris, 100mM NaCl, pH 8.0Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the hard copy of CoA.
<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 mouse LTA4H consists of 621 amino acids and has a calculated molecular mass of 70.4 kDa. It migrates as an approximately 62 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>	> 92 % as determined by SDS-PAGE

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<b>Storage</b>	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C 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.
<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.

## GENE INFORMATION

<b>Gene Name</b>	Lta4h leukotriene A4 hydrolase [ Mus musculus ]
<b>Official Symbol</b>	LTA4H
<b>Synonyms</b>	LTA4H; leukotriene A4 hydrolase; leukotriene A-4 hydrolase; LTA4 hydrodase; LTA-4 hydrolase;
<b>Gene ID</b>	16993
<b>mRNA Refseq</b>	NM_008517
<b>Protein Refseq</b>	NP_032543

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