

Active Recombinant Mouse LTA4H protein, His-tagged

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

SPECIFICATION

Product Overview	Recombinant Mouse LTA4H protein(NP_032543.2)(Met1-Asp611), fused with His tag, was expressed in Insect Cells.
Species	Mouse
Source	Insect Cells
ProteinLength	Met1-Asp611
Form	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.
Bio-activity	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.
Molecular Mass	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.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 92 % as determined by SDS-PAGE

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Storage 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.

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

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