

Active Recombinant Human LTA4H protein, His-tagged

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

SPECIFICATION

Product Overview	Recombinant Human LTA4H protein(NP_000886.1)(Met1-Asp611), fused with His tag, was expressed in Insect Cells.
Species	Human
Source	Insect Cells
ProteinLength	Met1-Asp611
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
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 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.
Endotoxin	< 1.0 EU per μg of the protein as determined by the LAL method
Purity	> 95 % as determined by SDS-PAGE
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for multiple use. Avoid repeated freeze-thaw cycles.

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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]
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Official Symbol	LTA4H
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Synonyms	LTA4H; leukotriene A4 hydrolase; leukotriene A-4 hydrolase; LTA-4 hydrolase; FLJ17564;
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Gene ID	4048
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mRNA Refseq	NM_000895
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Protein Refseq	NP_000886
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MIM	151570
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UniProt ID	P09960
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