

Active Recombinant Human LTA4H protein, His-tagged

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

SPECIFICATION

Product Overview	Recombinant Human LTA4H protein(Met1-Asp611), fused with C-terminal His tag, was expressed in Insect Cells.
Species	Human
Source	Insect Cells
ProteinLength	1-611 aa
Form	Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4.
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	70.7 kDa
Endotoxin	< 1 EU/µg of the protein by LAL method.
Purity	≥ 95 % as determined by SDS-PAGE. ≥ 95 % as determined by HPLC.
Storage	Store at -20°C. Store the lyophilized protein at -20°C to -80°C up to 1 year from the date of receipt. After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.
Reconstitution	Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL

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in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stablizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

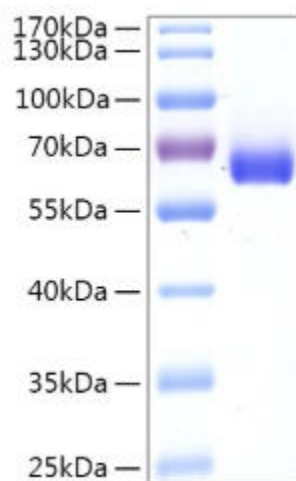
GENE INFORMATION

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

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SDS-PAGE

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