

Recombinant Human LTA4H Protein, His-tagged

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

SPECIFICATION

Product Overview	Recombinant Human LTA4H Protein (Met 1 - Asp 611) (NP_000886.1), fused with a polyhistidine tag at the C-terminus, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Met 1 - Asp 611
Form	Lyophilized from sterile 50 mM Tris, 100 mM NaCl, pH 7.5, 10% trehalose.
Molecular Mass	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.
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>95% as determined by SDS-PAGE.
Stability	Samples are stable for up to twelve months from date of receipt at -70°C.
Storage	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.
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.

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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
Chromosome Location	12q22
Pathway	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;
Function	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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