

[Go to Product page](#)

Datasheet for ABIN7318735 LTA4H Protein (His tag)

Overview

Quantity:	50 µg
Target:	LTA4H
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This LTA4H protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human LTA4H Protein (His Tag)
Sequence:	Met 1-Asp611
Characteristics:	Recombinant Human Leukotriene A-4 hydrolase is produced by our Mammalian expression system and the target gene encoding Met1-Asp611 is expressed with a 6His tag at the C-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	LTA4H
Alternative Name:	LTA4H (LTA4H Products)
Background:	Background: LTA4H, which is short for Leukotriene A-4 hydrolase, is a 611 aa. protein. It belongs to the peptidase M1 family, and exists in cytoplasm. This protein has at least 4 isoforms

Target Details

produced by alternative splicing, and two of them are expressed in monocytes, lymphocytes, neutrophils, reticulocytes, platelets and fibroblasts. LTA4H involves in lipid metabolism and leukotriene B4 biosynthesis. It is a epoxide hydrolase that catalyzes the final step in the biosynthesis of the proinflammatory mediator leukotriene B4. It also has aminopeptidase activity

Synonym: Leukotriene A-4 hydrolase,LTA-4 hydrolase,Leukotriene A(4) hydrolase, LTA4,LTA4H

Molecular Weight: 70.3 kDa

UniProt: [P09960](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Frozen, Liquid

Buffer: Supplied as a 0.2 µm filtered solution of 20 mM MES,2 mM EDTA,20 % Glycerol, pH 5.0.

Storage: -20 °C

Storage Comment: Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.