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Datasheet for ABIN1945422

**LTA4H Protein (AA 1-611) (His tag)**

## Overview

Quantity:	50 µg
Target:	LTA4H
Protein Characteristics:	AA 1-611
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This LTA4H protein is labelled with His tag.

## Product Details

Purpose:	Recombinant Human Leukotriene A-4 Hydrolase/LTA4H (C-6His)
Sequence:	<p>MPEIVDTCSL ASPASVCR TK HLHLRCSVDF TRRTLGTAA LTVQSQEDNL RSLVLDTKDL TIEKVINGQ EVKYALGERQ SYKGSPMEIS LPIALSKNQE IVIEISFETS PKSSALQWLT PEQTSGKEHP YLFSQCQAIH CRAILPCQDT PSVKLTYTAE VSPKELVAL MSAIRDGETP DPEDPSRKIY KFIQKVPIPC YLIALVVGAL ESRQIGPRTL VWSEKEQVEK SAYEFSETES MLKIAEDLGG PYVWGQYDLL VLPPSFYGG MENPCLTFVT PTLLAGDKSL SNVIAHEISH SWTGNLVTNK TWDHFWLNEG HTVYLERHIC GRLFGEKFRH FNALGGWGEL QNSVKTFGET HPFTKLVDL TDIDPDVAYS SVPYEKG FAL LFYLEQLLGG PEIFLGFLKA YVEKFSYKSI TTDDWKDFLY SYFKDKVDL NQVDWNAWLY SPGLPPIKPN YDMTLTNACI ALSQRWITAK EDDLNSFNAT DLKDLSSHQL NEFLAQLTQR APLPLGHIKR MQEVYNFNAI NNSEIRFRWL RLCIQSKWED AIPLALKMAT EQGRMKFTRP LFKDLAAFDK SHDQAVRTYQ EHKASMHPVT AMLVGKDLKV DVDHHHHHHH</p>
Characteristics:	Recombinant Human Leukotriene A-4 hydrolase/LTA4H is produced with our mammalian

## Product Details

	expression system in human cells. The target protein is expressed with sequence (AA 1-611) of Human LTA4H fused with a polyhistidine tag at the C-termin
Purity:	> 95 % as determined by reducing SDS-PAGE.
Sterility:	0.2 µm filtered
Endotoxin Level:	Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test

## Target Details

Target:	LTA4H
Alternative Name:	Leukotriene A-4 Hydrolase/LTA4H ( <a href="#">LTA4H Products</a> )
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 isforms 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
Molecular Weight:	70.3 kDa
UniProt:	<a href="#">P09960</a>

## Application Details

Restrictions:	For Research Use only
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## Handling

Format:	Liquid
Reconstitution:	It is not recommended to reconstitute to a concentration less than 100 µg/mL. Dissolve the lyophilized protein in ddH2O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
Buffer:	Supplied as a 0.2 µm filtered solution of 20 mM MES,2 mM EDTA,20 % Glycerol, pH 5.0.
Handling Advice:	Always centrifuge tubes before opening. Do not mix by vortex or pipetting.
Storage:	-80 °C
Storage Comment:	Store at < -20°C, stable for 6 months after receipt.

Handling

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Please minimize freeze-thaw cycles.

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Expiry Date: 6 months