

LTA4H 抗原（重组蛋白）

中文名称： LTA4H 抗原（重组蛋白）

英文名： LTA4H Antigen (Recombinant Protein)

储 存： 冷冻（-20℃）

别 名： leukotriene A4 hydrolase

相关类别： 抗原

概述

Fusion protein corresponding to a region derived from 251-511 amino acids of human LTA4H

技术规格

Full name:	leukotriene A4 hydrolase
Swissprot:	P09960
Gene Accession:	BC032528
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
Background:	LTA4H (Leukotriene A4-hydrolase) is a Zn ²⁺ -containing enzyme with both epoxide hydrolase and aminopeptidase activity. As an epoxide hydrolase, LTA4H catalyzes the hydration of LTA4 to leukotriene B4 (LTB4, 5S,12R-dihydroxy-6,14-cis-8,10-trans-eicosatetraenoic acid), a potent lipid chemoattractant that influences inflammation, immune responses, and host defense against infection. As an aminopeptidase, LTA4H catalyzes the cleavage of amides of para-nitroaniline. The human LTA4H gene encodes a 610 amino acid protein.