

## Product datasheet

# Recombinant Human Leukotriene A4 hydrolase/LTA4H protein ab198440

[1 Image](#)

### Description

<b>Product name</b>	Recombinant Human Leukotriene A4 hydrolase/LTA4H protein
<b>Purity</b>	> 90 % SDS-PAGE. ab198440 was purified by affinity chromatography.
<b>Expression system</b>	Escherichia coli
<b>Accession</b>	<b><u>P09960</u></b>
<b>Protein length</b>	Full length protein
<b>Animal free</b>	No
<b>Nature</b>	Recombinant
<b>Species</b>	Human
<b>Sequence</b>	MPEIVDTCSLASPASVCRTHLHLRCSVDFTRRTLGTAA LTVQSQEDNL RSLVLDTKDLTIEKVINGQEVKYALGERQSYKGSMEISL PIALSKNQE MIEISFETSPKSSALQWLTPAQTSKGEHPYLFSSQCAIHCR AILPCQDT PSVKLTYAEVSVPKELVALMSAIRDGETPDPEDPSRKMY FIQKVIPIPC YLIALLVGALESRQIGPRTLWSEKEQVEKSAYEFSETES MLKIAEDLGG PYVWGQYDLLVLPSPFYGGMENPCLTFVTPTLLAGDKS LSNVIAHEISH SWTGNLVTNKTWDHFWLNEGHTVYLERHICGRLFGEKFR HFNALGGWGEL QNSVKTFGETHPFTKLVVDLTDIDPDVAYSSVPYEKGFAL LFYLEQLLGG PEIFLGFLLKAYVEKFSYKSITDDWKDFLYSYFKDKVDVLN QVDWNAWLY SPGLPPIKPNYDMLTNACIALSQRWITAKEDDLNSFNATD LKDLSHQ NEFLAQLQRAPLPLGHKRMQEVYFNAINNSEIRFRWLR LCIQSKWED AIPLALKMATEQGRMKFTRPLFKDLAAFDKSHDQAVRITYQ EHKASMHPVT AMLVGKDLKVDYKDDDDKHHHHHH

<b>Predicted molecular weight</b>	71 kDa including tags
<b>Amino acids</b>	1 to 611
<b>Tags</b>	His tag C-Terminus , DDDDK tag C-Terminus
<b>Additional sequence information</b>	NM_000895.

## Specifications

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Our **Abpromise guarantee** covers the use of **ab198440** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

<b>Applications</b>	SDS-PAGE
<b>Form</b>	Liquid
<b>Additional notes</b>	This product was previously labelled as Leukotriene A4 hydrolase

## Preparation and Storage

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<b>Stability and Storage</b>	Shipped on Dry Ice. Store at -80°C. Avoid freeze / thaw cycle. pH: 8.00 Preservative: 0.68% Imidazole Constituents: 0.64% Tris HCl, 0.64% Sodium chloride, 0.017% Potassium chloride, 0.04% Tween, 20% Glycerol (glycerin, glycerine)
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## General Info

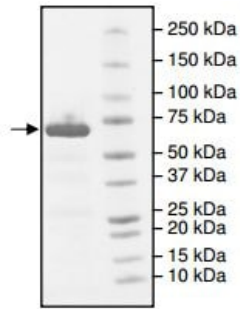
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<b>Function</b>	Hydrolyzes an epoxide moiety of leukotriene A4 (LTA-4) to form leukotriene B4 (LTB-4). The enzyme also has some peptidase activity.
<b>Pathway</b>	Lipid metabolism; leukotriene B4 biosynthesis.
<b>Sequence similarities</b>	Belongs to the peptidase M1 family.
<b>Cellular localization</b>	Cytoplasm.

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## Images

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4-20% SDS-PAGE analysis of 2.8  $\mu$ g ab198440 with Coomassie staining.

SDS-PAGE - Recombinant Human Leukotriene A4  
hydrolase/LTA4H protein (ab198440)

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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