

Recombinant Human LTA4H Protein, His-tagged

Cat. No. LTA4H-315H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human LTA4H fused with His tag at C-terminal was expressed in HEK293.
Species	Human
Source	HEK293
Description	The protein encoded by this gene is an enzyme that contains both hydrolase and aminopeptidase activities. The hydrolase activity is used in the final step of the biosynthesis of leukotriene B ₄ , a proinflammatory mediator. The aminopeptidase activity has been shown to degrade proline-glycine-proline (PGP), a neutrophil chemoattractant and biomarker for chronic obstructive pulmonary disease (COPD). Several transcript variants encoding different isoforms have been found for this gene.
Form	Supplied as a 0.2 μM filtered solution of 20mM MES, 2mM EDTA, 20%Glycerol, pH5.0
Molecular Mass	70.3kD
AA Sequence	MPEIVDTCSLSPASVCRTKHLHLRCSVDFTRRTLGTAAALTVQSQEDNLRSLVLDTKDLTIEKVINGQEVKYALGERQSYKGSPMEISLPIALSKNQEIVIEISFETSPKSSALQWLTPEQTSQKEHPYLFSSQCQAIHCRAILPCQDTPSVKLTYYTAEVSVPKELVALMSAIRDGETPDPEDPSRKIYKFIQKVPIPCYLIALVVGALSRQIGPRTLWSEKEQVEKSAYEFSETESMLKIAEDLGGPYVWGQYDLLVLPPSFPYGGMENPCLTFVTPTLLAGDKSLSNVIAHEISHSWTGNLVTNKTWDHFWLNEGHTVYLERHICGRLFGKEKFRHFNALGGWGELQNSVKTFGETHPFTKLVDLTDIDPDVAYSSVPYEKGFALLFYLEQLLGGPEIF

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

LGFLKAYVEKFSYKSITDDWKDFLYSYFKDKVDVLNQVDWNAWLYSPGLPPIKPNY
DMTLTNACIALSQRWITAKEDDLNSFNATDLKDLSSHQLNEFLAQLRQAPLPLGHIK
RMQEVYNFNAINNSEIRFRWLRLCIQSKWEDAIPALALKMATEQGRMKFTRPLFKDLA
AFDKSHDQAVRTYQEHKASMHPVTAMLVGKDLKVDVDHHHHHH

Endotoxin Endotoxin level is <0.1 ng/g of protein (<1EU/g).

Purity >95% as determined by SDS-PAGE and Coomassie blue staining

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

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA