

Recombinant Full Length Human LTA4H Protein, GST-tagged

Cat. No. LTA4H-6062HF Lot. No. (See product label)

SPECIFICATION

Product Overview	Human LTA4H full-length ORF (NP_000886.1, 1 a.a. - 611 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	611 amino acids
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 B4, 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. [provided by RefSeq, Sep 2015]
Molecular Mass	95.7 kDa
AA Sequence	MPEIVDTCSLASPASVCR TKHLHLRCSVDFTRRTLGTAAALTVQSQEDNLRSLVLDT KDLTIEKV VINGQEVKYALGERQSYKGSPMEISLPIALSKNQEIVIEISFETSPKSSALQ WLTPEQTS GKEHPYLF SQQCAIHCRAILPCQDTPSVKLT YTAEVSVPKELVALMSAIR DGETPDPE DPSRKIYKFIQKVPIPCYLIALVVGALSRQIGPRTLWSEKEQVEKSAY EFSETESMLKIAEDLGGPYVWGQYDLLVLPSPFPYGGMENPCLTFVTPTLLAGDKSL SNVIAHEISHSWTGNLVTNKTDWDFWLNEGHTVYLERHICGRLFGKFRHFNALGG

 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

WGELQNSVKTFGETHPFTKLVDLTDIDPDVAYSSVPYEKGFALLFYLEQLLGGPEIF
 LGFLKAYVEKFSYKSITDDWKDFLYSYFKDKVDVLNQVDWNAWLYSPGLPPIKPNY
 DMTLTNACIALSQRWITAKEDDLNSFNATDLKDLSSHQLNEFLAQTQRAPLPLGHIK
 RMQEVYNFNAINNSEIRFRWLRLCIQSKWEDAIPALALKMATEQGRMKFTRPLFKDLA
 AFDKSHDQAVRTYQEHKASMHPVTAMLVGKDLKVD

Applications
 Enzyme-linked Immunoabsorbent Assay
 Western Blot (Recombinant protein)
 Antibody Production
 Protein Array

Notes
 Best use within three months from the date of receipt of this protein.

Storage
 Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer
 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

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](#)

 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



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