

Recombinant Mouse Lta4h Protein, Myc/DDK-tagged

Cat. No. Lta4h-3861M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length leukotriene A4 hydrolase (Lta4h), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
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 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). Two transcript variants encoding different isoforms have been found for this gene.
Molecular Mass	69 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method

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Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name [Lta4h leukotriene A4 hydrolase \[Mus musculus \(house mouse\) \]](#)

Official Symbol [Lta4h](#)

Synonyms LTA4H; leukotriene A4 hydrolase; leukotriene A-4 hydrolase; LTA4 hydrodase; LTA-4 hydrolase

Gene ID [16993](#)

mRNA Refseq [NM_008517](#)

Protein Refseq [NP_032543](#)

UniProt ID [P24527](#)

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