

Product Name: Recombinant Human LTA4H (C-6His)
Catalog #: PHH1106

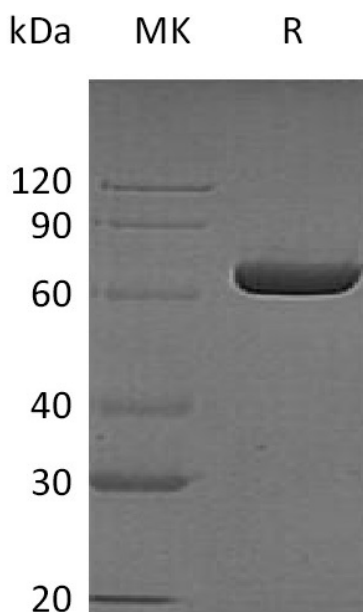


Summary

Name	LTA4H/Leukotriene A4 Hydrolase
Purity	Greater than 95% as determined by reducing SDS-PAGE
Endotoxin level	<1 EU/μg as determined by LAL test.
Construction	Recombinant Human Leukotriene A-4 Hydrolase is produced by our Mammalian expression system and the target gene encoding Met1-Asp611 is expressed with a 6His tag at the C-terminus.
Accession #	P09960
Host	Human Cells
Species	Human
Predicted Molecular Mass	70.3 KDa
Formulation	Supplied as a 0.2 μm filtered solution of 20mM MES, 2mM EDTA, 20% Glycerol, pH 5.0.
Shipping	The product is shipped on dry ice/polar packs. Upon receipt, store it immediately at the temperature listed below.
Stability&Storage	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
Reconstitution	

SDS-PAGE image

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Alternative Names

Leukotriene A-4 hydrolase;LTA-4 hydrolase;Leukotriene A(4) hydrolase; LTA4;LTA4H

Background

LTA4H, which is short for Leukotriene A-4 hydrolase, is a 611 aa. protein. It belongs to the peptidase M1 family, and exists in cytoplasm. This protein has at least 4 isoforms produced by alternative splicing, and two of them are expressed in monocytes, lymphocytes, neutrophils, reticulocytes, platelets and fibroblasts. LTA4H involves in lipid metabolism and leukotriene B4 biosynthesis. It is an epoxide hydrolase that catalyzes the final step in the biosynthesis of the proinflammatory mediator leukotriene B4. It also has aminopeptidase activity

Note

For Research Use Only , Not for Diagnostic Use.