

Recombinant Human LTA4H Protein (His Tag)

Catalog No. PKSH032704

Note: Centrifuge before opening to ensure complete recovery of vial contents.

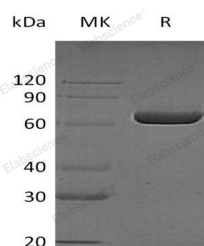
Description

Synonyms	Leukotriene A-4 hydrolase;LTA-4 hydrolase;Leukotriene A(4) hydrolase;LTA4;LTA4H
Species	Human
Expression Host	HEK293 Cells
Sequence	Met 1-Asp611
Accession	P09960
Calculated Molecular Weight	70.3 kDa
Observed molecular weight	60-70 kDa
Tag	C-His
Bioactivity	Not validated for activity

Properties

Purity	> 95 % as determined by reducing SDS-PAGE.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Storage	Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.
Shipping	This product is provided as liquid. It is shipped at frozen temperature with blue ice/gel packs. Upon receipt, store it immediately at < -20°C.
Formulation	Supplied as a 0.2 µm filtered solution of 20mM MES, 2mM EDTA, 20% Glycerol, pH 5.0.
Reconstitution	Not Applicable

Data



> 95 % as determined by reducing SDS-PAGE.

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

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proinflammatory mediator leukotriene B4. It also has aminopeptidase activity