

Recombinant Human LTA4H Protein (His Tag)

Catalog Number: PKSH032704

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

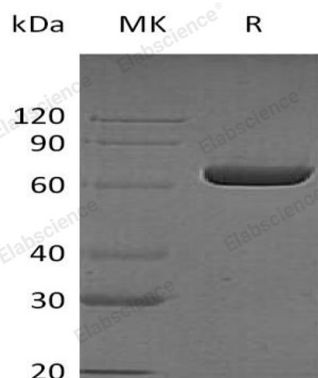
Description

Species	Human
Source	HEK293 Cells-derived Human LTA4H protein Met 1-Asp611, with an C-terminal His
Calculated MW	70.3 kDa
Observed MW	60-70 kDa
Accession	P09960
Bio-activity	Not validated for activity

Properties

Purity	> 95 % as determined by reducing SDS-PAGE.
Concentration	Subject to label value.
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.

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 is forms 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 a epoxide hydrolase that catalyzes the final step in the biosynthesis of the proinflammatory mediator leukotriene B4. It also has aminopeptidase activity