



Recombinant Protein Technical Manual

Recombinant Human LTA4H Protein (His Tag)

RPES3568

Product Data:

Product SKU: RPES3568

Size: 10µg

Species: Human

Expression host: Human Cells

Uniprot: P09960

Protein Information:

Molecular Mass: 70.3 kDa

AP Molecular Mass: 60-70 kDa

Tag: C-6His

Bio-activity:

Purity: > 95 % as determined by reducing SDS-PAGE.

Endotoxin: < 1.0 EU per µg 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: Please refer to the printed manual for detailed information.

Application:

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

Immunogen Information:

Sequence: Met 1-Asp611

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