

**Recombinant Human Leukotriene A-4 Hydrolase/LTA4H Protein(C-6His)**

**Cat.NO.: TP06061**

3th Edition

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

**Description:**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 isforms 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

**Form:**PBS

**Molecular Weight:**70.3 kDa

**Sequences:**Met 1-Asp611

**Purity:**> 95% by HPLC

**Concentration:**

**Endotoxin Level:**<1.0 EU per 1 ug of protein (determined by LAL method)

**Storage:**Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.