

32-8405: Recombinant Human Leukotriene A-4 Hydrolase/LTA4H (C-6His)

Gene : LTA4H
Gene ID : 4048
Uniprot ID : P09960

Description

Source: Human Cells.
MW :70.3kD.

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. 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

Product Info

Amount : 10 µg / 50 µg
Content : Supplied as a 0.2 µm filtered solution of 20mM MES,2mM EDTA,20%Glycerol,pH5.0.
Storage condition : Store at -20°C, stable for 6 months after receipt. Please minimize freeze-thaw cycles.
Amino Acid : MPEIVDTCSLSPASVCRTHLHLRCSVDFTRRTLGTAAALTVQSQEDNLRSLVLDTKDLTIEKVVINGQEVKYA
LGERQSYKGGSPMEISLPIALSKNQEIVIEISFETSPKSSALQWLTPEQTSQKEHPYLFSSQCQAIHCRAILPCQDTPS
VKLTYTAEVSVPKELVALMSAIRDGETPDPEDPSRKIYKFIQKVPICYLIALVVGALSRQIGPRTLWSEKEQVE
KSAYEFSETESMLKIAEDLGGPYVWGQYDLLVLPSPFYGGMENPCLTFVTPTLLAGDKSLSNVIAHEISHSWTG
NLVTNKTWDHFWLNEGHTVYLERHICGRLFGEKFRHFNALGGWGELQNSVKTFFGETHPFTKLVDLTDIDPDV
AYSSVPYEKGFALLFYLEQLLGGPEIFLGFLLKAYVEKFSYKSITDDWKFDFLYSYFKDKVDVNLQVDWNAWLYSP
GLPPIKPNYDMLTNACIALSQRWITAKEDDLNSFNATDLKDLSSHQLNEFLAQLQRAPLPLGHKRMQEVYNF
NAINNSEIRFRWLRLCIQSKWEDAIPALAKMATEQGRMKFTRPLFKDLAAFDKSHDQAVRITYQEHKASMPVT
AMLVGKDLKVDVDHHHHHH

Application Note

Endotoxin : Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.