

32-6836: LTA4H Human

Alternative Name : Leukotriene A-4 hydrolase isoform1, LTA-4 hydrolase, Leukotriene A(4) hydrolase, LTA4.

Description

Source: Escherichia Coli.

Sterile Filtered colorless solution.

Leukotriene A-4 hydrolase (LTA4H) is a bifunctional enzyme that converts leukotriene A4 to leukotriene B4 and functions as an aminopeptidase. The LTA4H enzyme is a member of the family of hydrolases, specifically those acting on ether bonds (ether hydrolases). LTA4H participates in arachidonic acid metabolism.

LTA4H Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 634 amino acids (1-611 a.a) and having a molecular mass of 71.7kDa. LTA4H is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Product Info

Amount : 2 µg / 10 µg

Purification : Greater than 90.0% as determined by SDS-PAGE.

Content : LTA4H protein solution (0.25mg/ml) in Phosphate buffered saline (pH7.4), 20% glycerol and 1mM DTT.

Storage condition : Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Amino Acid : MGSSHHHHHH SSGLVPRGSH MGSMP EIVDT CSLASPASVC RTKHLHLRCS VDFTRRTLGT
TAALTVQSQE DNLRLSLVLDT KDLTIEKVVV NGQEVKYALG ERQSYKGSMP EISLPIALSK NQEIVIEISF
ETSPKSSALQ WLTPEQTS GK EHPYLFSQCQ AIHCRAILPC QDTPSVKLT Y TAEVSVPKEL VALMSAIRDG
ETDPEDPSR KIYKFIQKVP IPCYLIALVV GALESRQIGP RTLWSEKEQ VEKSAYEFSE TESMLKIAED
LGGPYVWGQY DLLVLPPSFP YGGMENPCLT FVTPTLLAGD KSLSNVIAHE ISHSWTGNLV TNKTWDHFWL
NEGHTVYLER HICGR LFGEK FRHFNALGGW GELQNSVKTF GETHPFKLV VDLTDIDPDV AYSSVPYEKG
FALLFYLEQL LGGPEIFLGF LKAYVEKFSY KSITDDWWD FLYSYFKDKV DVLNQVDWNA WLYSPGLPPI
KPNYDMLTN ACIALSQRWI TAKEDDLNSF NATDLKDLSS HQLNEFLAQT LQRAPLPLGH IKRMQEVYNF
NAINNSEIRF RWLR LCIQSK WEDAIP LALK MATEQGRMKF TRPLFKDLAA FDKSHDQAVR TYQEHKASMH
PVTAMLVGKD LKVD.