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LTA4H, 1-611aa, Human, His tag, E.coli

产品货号: TP02854

第三版

别名:Leukotriene A-4 hydrolase isoform1, LTA4, Leukotriene A4

描述:LTA4H also known as Leukotriene A-4 hydrolase is a bifunctional enzyme which converts leukotriene A4 to leukotriene B4 and acts as an aminopeptidase. This enzyme belongs to the family of hydrolases, specifically those acting on ether bonds (ether hydrolases). It participates in arachidonic acid metabolism. Recombinant human LTA4H, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

配方:Liquid, In Phosphate buffered saline (pH7.4) containing 20% glycerol, 1mM DTT

分子量:71.7kDa (634aa)

序列:

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MGSSHHHHHSSGLVPRGSHMGSMPEIVDTCSLSPASVCR TKHLHLRCSVDFTRRTLGTAAALTVQSQEDNLRSLVLDT
KDLTIEKVVINGQEVKYALGERQSYKGSPEISLPIALSKNQEIVIEISFETSPKSSALQWLTPEQTSKGHEPYLFSQCQAIHCR
AILPCQDTPSVKLTYTAEVSVPKELVALMSAIRDGETPDPEPSRKIYKFIQKVPIPCYLIALVVGALSRQIGPRTLWSEKE
QVEKSAYEFSETESMLKIAEDLGGPYVWGQYDLLVLPSPFYGGMENPCLTFVTPTLLAGDKSLSNVIAHEISHSWTGNLVT
NKTWDHFWLNEGHTVYLERHICGR LFGEKFRHFNALGGWGELQNSVKTGFETHPFTKLVVDLTDIDPDVAYSSVPYEK
GFALLFYLEQLLGGPEIFLGF LKAYVEKFSYKSITDDWKDFLYSYFKDKVDVLNQVDWNAWLYSPGLPPIKPNYDMTLTN
ACIALSQRWITAKEDDLNSFNATDLKDLSSHQLNEFLAQLQRAPLPLGH I KRMQEVYNFNAINNSEIRFRWLRLCIQSKW
EDAIP LAL KMATEQGRMKFTRPLFKDLAAFDKSHDQAVRTYQEHKAS MHPVTAMLV GKDLKVD
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纯度:> 95% by HPLC

浓度:0.25mg/ml (determined by Bradford assay)

内毒素:<1.0 EU per 1 ug of protein (determined by LAL method)

存储: +4 ° C 保存 (1-2 周). 长期保存在 -20 ° C 或者 -70 ° C. 避免反复冻融.