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LPCAT1, 79-534aa, Human, His tag, E.coli

产品货号: TP02841

第三版

别名:Lysophosphatidylcholine acyltransferase 1, AYTL2, lpcat, PFAAP3

描述:Lysophosphatidylcholine acyltransferase 1, also known as LPCAT1, belongs to the 1-acyl-sn-glycerol-3-phosphate acyltransferase family. It is a key enzyme for remodeling phospholipids, including phosphatidylcholine. LPCAT1 possesses both acyltransferase and acetyltransferase activities. It mediates the conversion of 1-acyl-sn-glycero-3-phosphocholine (LPC) into phosphatidylcholine (PC). Recombinant human LPCAT1 protein, fused to His-tag at N-terminus, was expressed in E.coli.

配方:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 1M Urea, 10% glycerol

分子量:53.4 kDa (479aa)

序列:

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MGSSHHHHHHSSGLVPRGSHMGSSAEKEPEQPALWRKVVDLLKAIMRTMWFAGGFHRVAVKGRQALPTEAAITLA  
PHSSYFDAIPVTMTMSSIVMKAESRDIPIWGTLIQYIRPVFVSRSDQDSRRKTVEEIKRRAQSNQKWPQIMIFPEGTCTNRTC  
LITFKPGAFIPGAPVQPVVLRYPNKLDITITWTWQPGALEILWLTLCQFHNQVEIEFLPVVSPSEEEKRNPALYASNRRVM  
AEALGVSVTDYTFEDCQLALAEGLRLPADTCLLEFARLVRLGLKPEKLEKDLDRYSERARMKGGKIGIAEFAASLEVPV  
SDLLEDMFSLFDESGSEVDLRECVVALSVVCRPARTLDTIQLAFKMYGAQEDGSGEGDLSCILKTALGVAELTVTDLFR  
AIDQEEKGKITFADFHRFAEMYPAFAEEYLPDQTHFESCAETSPAPIPNGFCADFSPENSDAGRKPVRKKLD
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纯度:> 95% by HPLC

浓度:0.25 mg/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.