

本公司提供的电子版说明书仅供参考，实验请以收到的纸质手册为准。

LYPLA2, 1-231aa, Human, His tag, E.coli

产品货号: TP02868

第三版

别名: Acyl-protein thioesterase 2, APT-2, APT2, Lysophospholipase II, LPL-II, LysoPLA II

描述: Acyl-protein thioesterase 2, also known LYPLA2, is lysophospholipase that acts on biological membranes to regulate the multifunctional lysophospholipids. This protein may hydrolyze fatty acids from Sacylated cysteine residues in proteins such as trimeric G alpha proteins or HRAS. Recombinant human LYPLA2 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

配方: Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 1mM DTT, 10% glycerol, 100mM NaCl

分子量: 26.9 kDa (251aa), confirmed by MALDI-TOF

序列:

MGSSHHHHHHSSGLVPRGSHMCGNTMSVPLLTAATVSGAERETAAVIFLHGLGDTGHSWADALSTIRLPHVKYICPH  
APRIPVTLNMKVMPSWFDLMGLSPDAPEDAEAGIKKAAENIKALIEHEMKNIGIPANRIVLGGFSQGGALS LYTALTCPHPL  
AGIVALSCWLPLHRAFPQAANGSAKDLAILQCHGELDPMVPVRFGALTAEKLRVVT PARVQFKTYPGVMHSSCPQEMA  
AVKEFLEKLLPPV

纯度: > 95% by HPLC

浓度: 1 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.