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Recombinant Human LYPLA2 Protein (His Tag)

产品货号: TP06697

第三版

别名: APT-2; APT2; DJ886K2.4

描述: Lysophospholipase II (LYPLA2, LPL-II, or LysoPLA II), also known as Acyl-protein thioesterase 2 (APT-2), belongs to the AB hydrolase 2 family. This enzyme has lysophospholipase activity, and may hydrolyze fatty acids from S-acylated cysteine residues in proteins such as trimeric G alpha proteins or HRAS. Acyl-protein thioesterase 1 (APT-1) and Acyl-protein thioesterase 2 (APT-2) are cytosolic lysophospholipid hydrolyzing enzymes. The serum activity of APT-1 may play an important role in determination of the concentration of des-acyl ghrelin in circulation, especially under septic inflammation. APT-2/LYPLA2 is expressed both in CHO-K1 and HeLa cells and its overexpression increased the deacylation rate of single acylated GAP-43 and affected the steady-state localization of diacylated GAP-43 and H-Ras. Thus, the results demonstrate that APT-2/LYPLA2 is the protein thioesterase involved in the acylation/deacylation cycle operating in GAP-43 subcellular distribution.

配方: PBS

分子量:

序列: Met 1-Val 231

纯度: > 95% by HPLC

浓度:

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.