

32-8159: Recombinant Human Acyl-Protein Thioesterase 2/LYPLA2/APT2 (C-6His)

Gene : LYPLA2

Gene ID : 11313

Uniprot ID : O95372

Description

Source: E. coli.

MW :25.8kD.

Recombinant Human Lysophospholipase II is produced by our E.coli expression system and the target gene encoding Met1-Val231 is expressed with a 6His tag at the C-terminus. Acyl-Protein Thioesterase 2 is a cytoplasmic protein that belongs to the AB Hydrolase 2 family. LYPLA2 is a lysophospholipase and hydrolyzes fatty acids from S-acylated cysteine residues in proteins such as trimeric G alpha proteins or HRAS. LYPLA2 has hydrolase activity that converts Palmitoyl-protein to palmitate and protein. LYPLA2 regulates the multifunctional lysophospholipids by acting on biological membranes. LYPLA2 participates in Glycerophospholipid metabolism pathway, fatty acid metabolic process and lipid metabolic process.

Product Info

Amount : 10 µg / 50 µg

Content : Supplied as a 0.2 µm filtered solution of 20mM Tris, 1mM DTT, 0.1M NaCl, pH 8.0.

Storage condition : Store at -20°C, stable for 6 months after receipt. Please minimize freeze-thaw cycles.

Amino Acid : MCGNTMSVPLLDAATVSGAERETA AVIFLHGLGDTGHSWADALSTIRLPHVKYICPHAPRIPVTLN
MKMVMPSWFDLMGLSPDAPEDEAGIKKAAENIKALIEHEMKNGIPANRIVLGGFSQGGALSLYTALT
CPHPLAGIVALSCWLPLHRAFPQAANGSAKDLAILQCHGELDPMVPVRFGALTAEKLRSVVTPARV
QFKTYPGVMHSSCPQEMAAVKEFLEKLLPPVLEHHHHHH

Application Note

Endotoxin : Less than 0.1 ng/Åµg (1 IEU/Åµg) as determined by LAL test.