

## 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 :** MCGNTMSVPLLTDAATVSGAERETAAVIFLHGLGDTGHSWADALSTIRLPHVKYICPHAPRIPVTLNMKVMPS  
WFDLMGLSPDAPEDEAGIKKAAENIKALIEHEMKNIGIPANRIVLGGFSQGGALSALTCPHPLAGIVALSCWL  
PLHRAFPQAANGSAKDLAILQCHGELDPMVPVRFGALTAEKLRVSVTPARVQFKTYPGVMHSSCPQEMA AVKE  
FLEKLLPPVLEHHHHHHH

### Application Note

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