

## 32-7082: Recombinant Human Acyl-Protein Thioesterase 1/APT-1 (N-6His)(Discontinued)

**Gene :** LYPLA1  
**Gene ID :** 10434  
**Uniprot ID :** O75608

### Description

Source: E.coli.  
MW :26.83kD.

Recombinant Human Acyl-Protein Thioesterase 1 is produced by our E.coli expression system and the target gene encoding Met1-Asp230 is expressed with a 6His tag at the N-terminus. Acyl-Protein Thioesterase 1 (APT-1) is lysophospholipase that belongs to the AB hydrolase 2 family. APT-1 performs on biological membranes to regulate the multifunctional lysophospholipids. It hydrolyzes fatty acids from S-acylated cysteine residues in proteins such as trimeric G alpha proteins or HRAS; in addition, it also has depalmitoylating activity and low lysophospholipase activity.

### Product Info

**Amount :** 10 µg / 50 µg  
**Content :** Supplied as a 0.2 µm filtered solution of 20mM TrisHCl, 100mM NaCl, 1mM DTT, 10% Glycerol, pH 8.0.  
**Storage condition :** Store at -20°C, stable for 6 months after receipt. Please minimize freeze-thaw cycles.  
**Amino Acid :** MGSSHHHHHHSSGLVPRGSHMCGNNMSTPLPAIVPAARKATAAVIFLHGLGDTGHGWAEAFAGIRSSHIIKYIC  
PHAPVRPVTLNMMNVAMPWFDIIGLSPDSQEDESGIKQAAENIKALIDQEVKNGIPSNRIILGGFSQGGALSLYTA  
LTTQQKLAGVTALSCWLPLRASFPQGPIGGANRDISILQCHGDCDPLVPLMFGSLTVEKCLKTLVNPANVTFKTYE  
GMMHSSCQEQEMMDVKQFIDKLLPID

### Application Note

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