

## 32-2516: mLYPLA1 Recombinant Protein

**Alternative Name :** Acyl-protein thioesterase 1,LYPLA1, APT-1,LPL1,LYSOPLA.

### Description

Source : Escherichia Coli. LYPLA1 produced in E.Coli is a single, non-glycosylated polypeptide chain containing 250 amino acids (1-230a.a.) and having a molecular mass of 26.8kDa.LYPLA1 is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. LYPLA1 is lysophospholipase which performs on biological membranes to regulate the multifunctional lysophospholipids. LYPLA1 protein hydrolyzes fatty acids from S-acylated cysteine residues in proteins like trimeric G alpha proteins or HRAS and in addition has depalmitoylating activity.

### Product Info

<b>Amount :</b>	25 µg
<b>Purification :</b>	Greater than 90% as determined by SDS-PAGE.
<b>Content :</b>	The LYPLA1 protein solution (0.5mg/1ml) is formulated in 20mM Tris-HCl buffer (pH8.0)0.1M NaCl,1mM DTT and 10% glycerol.
<b>Storage condition :</b>	Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.
<b>Amino Acid :</b>	MGSSHHHHHH SSGLVPRGSH MCGNNMSAPM PAVVPAARKA TAAVIFLHGL GDTGHGWAEA FAGIKSPHIK YICPHAPVMP VTLNMNMAMP SWFDIVGLSP DSQEDESGIK QAAETVKALI DQEVKNGIPS NRIILGGFSQ GGALSLYTAL TTQQKLAGVT ALSCWLPLRA SFSQGPINSA NRDISVLQCH GDCDPLVPLM FGSLTVERLK ALINPANVTF KIYEGMMHSS CQEMMDVKH FIDKLLPID.