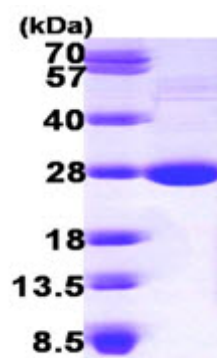


AR09658PU-N

Mouse LYPLA1 (1-230, His-tag) - Purified

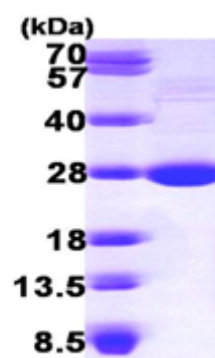
Alternate names:	APT-1, APT1, Acyl-protein thioesterase 1, LPL-1, LPL1, LysoPLA I, Lysophospholipase 1
Quantity:	0.1 mg
Concentration:	0.5 mg/ml (determined by Bradford assay)
Background:	LYPLA1 is lysophospholipase that acts on biological membranes to regulate the multifunctional lysophospholipids. This protein hydrolyzes fatty acids from S-acylated cysteine residues in proteins such as trimeric G alpha proteins or HRAS and also has depalmitoylating activity.
Uniprot ID:	P97823
NCBI:	NP_032892
GeneID:	18777
Species:	Mouse
Source:	E. coli
Format:	State: Liquid purified protein Purity: >90% by SDS - PAGE Buffer System: 20mM Tris-HCl buffer (pH 8.0) containing 10% glycerol, 0.1M NaCl, 1mM DTT
Description:	Recombinant mouse LYPLA1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques. AA Sequence: MGSSHHHHH SSGLVPRGSH MCGNNMSAPM PAVVPAARKA TAAVIFLHGL GDTGHGWAEA FAGIKSPHIK YICPHAPVMP VTLNMNMAMP SWFDIVGLSP DSQEDESGIK QAAETVKALI DQEVKNGIPS NRIILGGFSQ GGALSLYTAL TTQQKLAGVT ALSCWLPLRA SFSQGPINSA NRDISVLQCH GDCDPLVPLM FGSLTVERLK ALINPANVTF KIYEGMMHSS CQQEMMDVKH FIDKLLPPID Molecular weight: 26.8 kDa (250aa), confirmed by MALDI-TOF
Storage:	Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	Schaloske R.H., et al. (2006) Biochim Biophys Acta. 1761:1246-1259. Hiraoka M., et al. (2002) J. Biol. Chem 277:10090-10099.

Pictures:



15% SDS-PAGE (3ug)

Recombinant mouse LYPLA1, 1-230 aa,
His-tagged



15% SDS-PAGE (3ug)