

Acyl-protein thioesterase 1 Recombinant Protein | Lypla1 recombinant protein

Recombinant Mouse Acyl-protein thioesterase 1

CATALOG # AAA114057	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
-------------------------------	---

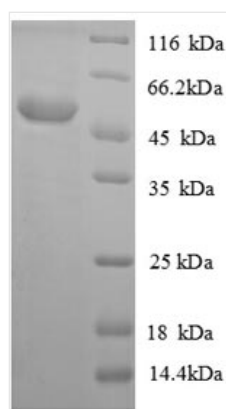
PRODUCT SYNONYMS

Acyl-protein thioesterase 1; Recombinant Mouse Acyl-protein thioesterase 1; Lysophospholipase 1; Lysophospholipase I; LPL-I; Lyso; PLA I; Lypla1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	1-230. Full-Length
Sequence	MCGNNMSAPM PAVVPAARKA TAAVIFLHGL GDTGHGWAEA FAGIKSPHIK YICPHAPVMP VTLNMNMAMP SWFDIVGLSP DSQEDESGIK QAAETVKALI DQEVKNGIPS NRIILGGFSQ GGALSLYTAL TTQQLAGVT ALSCWLPLRA SFSQGPINSA NRDISVLQCH GDCDPLVPLM FGSLTVERLK ALINPANVTF KIYEGMMHSS CQQEMMDVKH FIDKLLPPID
Preparation and Storage	Store at -20 degree C, for extended storage, conserve at -20 degree C or -80 degree C.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for Lypla1 recombinant protein	Hydrolyzes fatty acids from S-acylated cysteine residues in proteins such as trimeric G alpha proteins or HRAS. Has depalmitoylating activity toward KCNMA1. Has low lysophospholipase activity.
References	Cloning, expression, and catalytic mechanism of murine lysophospholipase I.Wang A., Deems R.A., Dennis E.A.J. Biol. Chem. 272:12723-12729(1997) Lubec G., Yang J.W., Zigmond M.Submitted (JUL-2007) to UniProtKB Regiospecificity and catalytic triad of lysophospholipase I.Wang A., Loo R., Chen Z., Dennis E.A.J. Biol. Chem. 272:22030-22036(1997) Label-free quantitative proteomics of the lysine acetylome in mitochondria identifies substrates of SIRT3 in metabolic pathways.Rardin M.J., Newman J.C., Held J.M., Cusack M.P., Sorensen D.J., Li B., Schilling B., Mooney S.D., Kahn C.R., Verdin E., Gibson B.W.Proc. Natl. Acad. Sci. U.S.A. 110:6601-6606(2013)

NCBI AND UNIPROT INFORMATION

NCBI GI #	6678760
NCBI GeneID	18777
NCBI Accession #	NP_032892.1
NCBI GenBank Nucleotide #	NM_008866.2
UniProt Accession #	P97823; Q3TJZ0; Q7TPX1; Q8BWM6
Molecular Weight	51.7 kDa
NCBI Official Full Name	acyl-protein thioesterase 1
NCBI Official Synonym Full Names	lysophospholipase 1
NCBI Official Symbol	Lypla1
NCBI Official Synonym Symbols	Pla1a
NCBI Protein Information	acyl-protein thioesterase 1
UniProt Protein Name	Acyl-protein thioesterase 1
UniProt Gene Name	Lypla1
UniProt Synonym Gene Names	Apt1; Pla1a; APT-1; LPL-I; LysoPLA I
UniProt Entry Name	LYPA1_MOUSE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/lypla1-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/114057>