



Recombinant Mouse Acyl-protein thioesterase 1 (Lypla1)

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| Product Code | CSB-EP013268MO-B |
| Storage | Store at -20°C, for extended storage, conserve at -20°C or -80°C. |
| Uniprot No. | P97823 |
| Product Type | Recombinant Protein |
| Immunogen Species | Mus musculus (Mouse) |
| Purity | >85% (SDS-PAGE) |
| Sequence | MCGNNMSAPM PAVVPAARKA TAAVIFLHGL GDTGHGWAEA FAGIKSPHIK YICPHAPVMP VTLNMMNAMP SWFDIVGLSP DSQEDESGIK QAAETVKALI DQEVKNGIPS NRIILGGFSQ GGALSLYTAL TTQQKLAGVT ALSCWLPLRA SFSQGPINSA NRDISVLQCH GDCDPLVPLM FGSLTVERLK ALINPANVTF KIYEGMMHSS CQQEMMDVKH FIDKLLPPID |
| Source | E.coli |
| Target Names | Lypla1 |
| Protein Names | Recommended name: Acyl-protein thioesterase 1 Short name= APT-1 EC= 3.1.2.- Alternative name(s): Lysophospholipase 1 Lysophospholipase I Short name= LPL-I Short name= LysoPLA I |
| Expression Region | 1-230 |
| Notes | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week. |
| Tag Info | Tag type will be determined during the manufacturing process. |
| Protein Length | Full length protein |
| Target Details | Lysophospholipases are enzymes that act on biological membranes to regulate the multifunctional lysophospholipids. This protein hydrolyzes lysophosphatidylcholine in both monomeric and micellar forms. The use of alternate polyadenylation sites has been found for this gene. There are alternatively spliced transcript variants described for this gene but the full length nature is not known yet. |
| Reconstitution | We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference. |
| Shelf Life | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C. |