

Lysophospholipase I Mouse Recombinant

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| Item Number | rAP-1261 |
| Synonyms | Acyl-protein thioesterase 1, LYPLA1, APT-1, LPL1, LYSOPLA. |
| Description | 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. |
| Uniprot Accesion Number | P97823 |
| Amino Acid Sequence | MGSSHHHHH SSGLVPRGSH MCGNNMSAPM PAVVPAARKA TAAVIFLHGL GDTGHGWAEA FAGIK-SPHIK YICPHAPVMP VTLNMNMAMP SWFDIVGLSP DSQEDESGIK QAAETVKALI DQEVKNGIPS NRILGGFSQ GGALSLYTAL TTQQKLAGVT ALSCWLPLRA SFSQGPINSA NRDISVLQCH GDCDPLVPLM FGSLTVERLK ALINPANVTF KIYEGMMHSS CQEMMDVKH FIDKLLPPID. |
| Source | Escherichia Coli. |
| Physical Appearance and Stability | Sterile Filtered clear solution. 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. |
| Formulation and Purity | The LYPLA1 protein solution (0.5mg/1ml) is formulated in 20mM Tris-HCl buffer (pH8.0)0.1M NaCl,1mM DTT and 10% glycerol. Greater than 90% as determined by SDS-PAGE. |
| Application | |
| Solubility | |
| Biological Activity | |
| Shipping Format and Condition | Lyophilized powder at room temperature. |

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**