

Full-Length

LYPLA1 (Human) Recombinant Protein (P01)

Catalog # H00010434-P01

Size 25 ug, 10 ug

Applications



Specification

| | |
|-------------------------------|---|
| Product Description | Human LYPLA1 full-length ORF (AAH08652, 1 a.a. - 230 a.a.) recombinant protein with GST-tag at N-terminal. |
| Sequence | MCGNNMSTPLPANPAARKATAAVIFLHGLGDTGHGWAEAFAGIRSSHIKYICPHAPVRPVTLMNM VAMPSWFDIIGLSPDSQEDESIGKQAAENIKALIDQEVKNGIPSNRIILGGFSQGGALSLYTALTTQQ KLAGVTALSCWLPLRASFPQGPIGGANRDISILQCHGDCDPLVPLMFGSLTVEKLKTLVNPANVTF KTYEGMMHSSCQQEMMDVKQFIDKLLPPID |
| Host | Wheat Germ (in vitro) |
| Theoretical MW (kDa) | 51.04 |
| Interspecies Antigen Sequence | Mouse (91); Rat (92) |
| Preparation Method | in vitro wheat germ expression system |
| Purification | Glutathione Sepharose 4 Fast Flow |
| Quality Control Testing | 12.5% SDS-PAGE Stained with Coomassie Blue. |
| Storage Buffer | 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer. |
| Storage Instruction | Store at -80°C. Aliquot to avoid repeated freezing and thawing. |

Note

Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — LYPLA1

Entrez GeneID [10434](#)

GeneBank Accession# [BC008652](#)

Protein Accession# [AAH08652](#)

Gene Name LYPLA1

Gene Alias APT-1, LPL1, LYSOPLA

Gene Description lysophospholipase I

Omim ID [605599](#)

Gene Ontology [Hyperlink](#)

Gene Summary Lysophospholipases are enzymes that act on biological membranes to regulate the multifunctional lysophospholipids. The protein encoded by this gene 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. [provided by RefSeq]

Other Designations acyl-protein thioesterase-1|lysophospholipase 1|lysophospholipid-specific lysophospholipase

Pathway

- [Glycerophospholipid metabolism](#)