Recombinant Full Length Human LYPLA1 Protein, GST-tagged

Cat. No. LYPLA1-6241HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human LYPLA1 full-length ORF (AAH08652, 1 a.a. - 230 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	230 amino acids
Description	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
Molecular Mass	51.04 kDa
AA Sequence	MCGNNMSTPLPAIVPAARKATAAVIFLHGLGDTGHGWAEAFAGIRSSHIKYICPHAPV RPVTLNMNVAMPSWFDIIGLSPDSQEDESGIKQAAENIKALIDQEVKNGIPSNRIILGG FSQGGALSLYTALTTQQKLAGVTALSCWLPLRASFPQGPIGGANRDISILQCHGDCD PLVPLMFGSLTVEKLKTLVNPANVTFKTYEGMMHSSCQQEMMDVKQFIDKLLPPID
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein)

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	Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	LYPLA1 lysophospholipase I [Homo sapiens]
Official Symbol	LYPLA1
Synonyms	LYPLA1; lysophospholipase I; acyl-protein thioesterase 1; LPL1; LPL-I; lysoPLA I; lysophospholipase 1; acyl-protein thioesterase-1; lysophospholipid-specific lysophospholipase; APT-1; hAPT1; LYSOPLA;
Gene ID	10434
mRNA Refseq	NM_006330
Protein Refseq	NP_006321
MIM	605599
UniProt ID	O75608

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