

## Recombinant Human LYPLA1 Protein, His-tagged

Cat. No. LYPLA1-308H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human LYPLA1 fused with His tag at N-terminal was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>Description</b>	This gene encodes a member of the alpha/beta hydrolase superfamily. The encoded protein functions as a homodimer, exhibiting both depalmitoylating as well as lysophospholipase activity, and may be involved in Ras localization and signaling. Alternate splicing results in multiple transcript variants. Pseudogenes of this gene have been defined on chromosomes 4, 6, and 7.
<b>Form</b>	Supplied as a 0.2 μM filtered solution of 20mM Tris-HCl, 100mM NaCl, 1mM DTT, 10% Glycerol, pH 8.0
<b>Molecular Mass</b>	26.8kD
<b>AA Sequence</b>	MGSSHHHHHHSSGLVPRGSHMCGNNMSTPLPAIVPAARKATAAVIFLHGLGDTGH GWAEAFAGIRSSHIKYICPHAPVRPVTLMNMVAMPSWFDIIGLSPDSQEDESGIKQA AENIKALIDQEVKNGIPSNRILGGFSQGGALSLYTALTQQKLAGVTALSCWLPLRAS FPQGPIGGANRDISILQCHGDCDPLVPLMFGSLTVEKCLKTLVNPANVTFKTYEGMMH SSCQQEMMDVKQFIDKLLPPID
<b>Endotoxin</b>	Endotoxin level is <0.1 ng/g of protein (<1EU/g).

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**Purity** >95% as determined by SDS-PAGE and Coomassie blue staining

## 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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