

Recombinant Human LYPLA1 Protein, His-tagged

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

SPECIFICATION

Product Overview	Recombinant Human LYPLA1 fused with His tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
Description	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.
Form	Supplied as a 0.2 μM filtered solution of 20mM Tris-HCl, 100mM NaCl, 1mM DTT, 10% Glycerol, pH 8.0
Molecular Mass	26.8kD
AA Sequence	MGSSHHHHHHSSGLVPRGSHMCGNNMSTPLPAIVPAARKATAAVIFLHGLGDTGH GWAEAFAGIRSSHIKYICPHAPVRPVTLMNMVAMPSWFDIIGLSPDSQEDESIGKQA AENIKALIDQEVKNGIPSNRILGGFSQGGALSLYTALTQQKLAGVTALSCWLPLRAS FPQGPIGGANRDISILQCHGDCDPLVPLMFGSLTVEKCLKTLVNPANVTFKTYEGMMH SSCQQEMMDVKQFIDKLLPPID
Endotoxin	Endotoxin level is <0.1 ng/g of protein (<1EU/g).

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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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