

Recombinant Human LYPLA1 protein, GST-tagged

Cat. No. LYPLA1-301277H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human LYPLA1 (1-230 aa) protein, fused to GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Met1-Asp230
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.
AA Sequence	MCGNNMSTPLPAIVPAARKATAAVIFLHGLGDTGHGWAEAFAGIRSSHIKYICPHAPV RPVTLNMNVAMPSWFDIIGLSPDSQEDESIGKQAAENIKALIDQEVKNGIPSNRIILGG FSQGGALSLYTALTQKLAGVTALSCWLPLRASFPQGPIGGANRDISILQCHGDCD PLVPLMFGSLTVEKLKTLVNPANVTFKTYEGMMHSSCQQEMMDVKQFIDKLLPPID
Purity	90%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Stability	Store for up to 12 months at -20°C to -80°C as lyophilized powder.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw

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cycles.

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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