

# Recombinant Human LYPLAL1 protein, His-tagged

**Cat. No.** LYPLAL1-6958H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                     |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human LYPLAL1 protein(1-237 aa), fused with N-terminal His tag, was expressed in E.coli.                                                                                                                                                                                |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                               |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                              |
| <b>ProteinLength</b>    | 1-237 aa                                                                                                                                                                                                                                                                            |
| <b>Form</b>             | The purified protein was Lyophilized from sterile PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole. |
| <b>AASequence</b>       | MAAASGSVLQRCIVSPAGRHSASLIFLHGSGDSGQGLRMWIKQVLNQDLTFQHIKIY<br>PTAPPRSYPMPKGGISNVWFDRFKITNDCPEHLESIDVMCQVLTDLIDEEVKSGIKKN<br>RILIGGFSMGGCMAMHLAYRNHQDVAGVFALSSFLNKASAVYQALQKSNGVLPFLF<br>QCHGTADELVLHSWAEETNSMLKSLGVTTKFHSPNVYHELKTELDILKLWILTKLP<br>GEMEKQK                          |
| <b>Purity</b>           | 85%, by SDS-PAGE with Coomassie Brilliant Blue staining.                                                                                                                                                                                                                            |
| <b>Storage</b>          | Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.                                                                               |

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**Reconstitution**

Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25 g/µl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

**GENE INFORMATION**

**Gene Name** LYPLAL1 lysophospholipase-like 1 [ Homo sapiens ]

**Official Symbol** LYPLAL1

**Synonyms** LYPLAL1; lysophospholipase-like 1; lysophospholipase-like protein 1; Q96AV0; FLJ99730; KIAA1238;

**Gene ID** 127018

**mRNA Refseq** NM\_138794

**Protein Refseq** NP\_620149

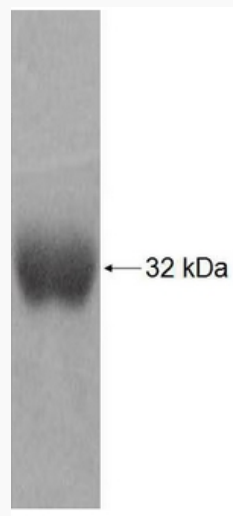
**UniProt ID** Q5VWZ2

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SDS-PAGE



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