

## Native Human LPA

**Cat. No.** LPA-8453H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                           |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | LPA was purified from Human plasma.                                                                                                                                                                                       |
| <b>Species</b>          | Human                                                                                                                                                                                                                     |
| <b>Source</b>           | Human Plasma                                                                                                                                                                                                              |
| <b>Description</b>      | In a normal fasting individual, Lp(a) concentrations range from 20-760 mg/L. Lp(a) levels are associated with premature atherosclerosis; thus elevated Lp(a) is considered a high risk factor for coronary heart disease. |
| <b>Form</b>             | Liquid in 150 mM NaCl, pH 7.4 with 0.01% EDTA and 0.01% NaN <sub>3</sub> .                                                                                                                                                |
| <b>Molecular Mass</b>   | 280.0-700.0 kDa                                                                                                                                                                                                           |
| <b>Purity</b>           | ≥95% by SDS - PAGE                                                                                                                                                                                                        |
| <b>Storage</b>          | 2-4 °C Do NOT Freeze.                                                                                                                                                                                                     |
| <b>Shipping</b>         | Gel pack                                                                                                                                                                                                                  |

### GENE INFORMATION

|                        |                                         |
|------------------------|-----------------------------------------|
| <b>Gene Name</b>       | LPA lipoprotein, Lp(a) [ Homo sapiens ] |
| <b>Official Symbol</b> | LPA                                     |

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|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Synonyms</b>            | LPA; lipoprotein, Lp(a); LP; apolipoprotein(a); lp(a); apo(a); antiangiogenic AK38 protein; AK38; APOA;                                                                                                                                                                                                                                                       |
| <b>Gene ID</b>             | <a href="#">4018</a>                                                                                                                                                                                                                                                                                                                                          |
| <b>mRNA Refseq</b>         | <a href="#">NM_005577</a>                                                                                                                                                                                                                                                                                                                                     |
| <b>Protein Refseq</b>      | <a href="#">NP_005568</a>                                                                                                                                                                                                                                                                                                                                     |
| <b>UniProt ID</b>          | <a href="#">P08519</a>                                                                                                                                                                                                                                                                                                                                        |
| <b>Chromosome Location</b> | 6q25-q26                                                                                                                                                                                                                                                                                                                                                      |
| <b>Pathway</b>             | LDL-mediated lipid transport, organism-specific biosystem; Lipid digestion, mobilization, and transport, organism-specific biosystem; Lipoprotein metabolism, organism-specific biosystem; Metabolism, organism-specific biosystem; Metabolism of lipids and lipoproteins, organism-specific biosystem; amb2 Integrin signaling, organism-specific biosystem; |
| <b>Function</b>            | apolipoprotein binding; endopeptidase inhibitor activity; fibronectin binding; heparin binding; peptidase activity; serine-type endopeptidase activity;                                                                                                                                                                                                       |