Recombinant Human LPA Protein, His tagged

Cat. No. LPA-01H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of Human lipoprotein, Lp(a) (LPA), Glu20-Arg319, with N-terminal His tag, expressed in E.coli
Species	Human
Source	E.coli
ProteinLength	20-319 aa
Description	The protein encoded by this gene is a serine proteinase that inhibits the activity of tissue-type plasminogen activator I. The encoded protein constitutes a substantial portion of lipoprotein(a) and is proteolytically cleaved, resulting in fragments that attach to atherosclerotic lesions and promote thrombogenesis. Elevated plasma levels of this protein are linked to atherosclerosis. Depending on the individual, the encoded protein contains 2-43 copies of kringle-type domains. The allele represented here contains 15 copies of the kringle-type repeats and corresponds to that found in the reference genome sequence.
Form	50 mM Tris-HCl, pH 8.0, 8 M Urea
Molecular Mass	35.4 kDa
Purity	> 85% as determined by SDS-PAGE and Coomassie blue staining
Notes	For testing in cell culture applications, please filter before use. Note that you may

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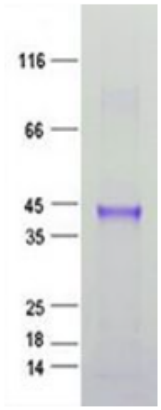
	experience some loss of protein during the filtration process.
Storage	Stable for at least 1 year from receipt of products under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Concentration	> 100 μg/mL as determined by microplate Bradford method
Shipping	Dry Ice

GENE INFORMATION

Gene Name	LPA lipoprotein, Lp(a) [Homo sapiens (human)]
Official Symbol	LPA
Synonyms	LPA; lipoprotein, Lp(a); LP; apolipoprotein(a); lp(a); apo(a); antiangiogenic AK38 protein; AK38; APOA;
Gene ID	4018
mRNA Refseq	NM_005577
Protein Refseq	NP_005568
MIM	152200
UniProt ID	P08519

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SDS-PAGE



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