

Native Human Plasma APOB

Cat. No. APOB-8037H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human Plasma APOB was purified from Human Plasma.
Species	Human
Source	Human Plasma
Description	Apo-AI comprises ~70% of the protein moiety in HDL. It is a single polypeptide chain consisting of 245 amino acids with glutamic acid as the C-terminal residue and aspartic acid as the N-terminal residue. The molecular mass is reported to be 28.3 kDa.
Form	Liquid
Purity	>98%
Storage	-20 °C
Concentration	Typically 1.0 mg/mL

GENE INFORMATION

Gene Name	APOB apolipoprotein B (including Ag(x) antigen) [Homo sapiens]
Official Symbol	APOB

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Synonyms	APOB; apolipoprotein B (including Ag(x) antigen); apolipoprotein B-100; apoB-48; apoB-100; apo B-100; mutant Apo B 100; apolipoprotein B48; FLDB; LDLCQ4;
Gene ID	338
mRNA Refseq	NM_000384
Protein Refseq	NP_000375
UniProt ID	P04114
Chromosome Location	2p24-p23
Pathway	Cell surface interactions at the vascular wall, organism-specific biosystem; Chylomicron-mediated lipid transport, organism-specific biosystem; FOXA1 transcription factor network, organism-specific biosystem; Fat digestion and absorption, organism-specific biosystem; Fat digestion and absorption, conserved biosystem; Hemostasis, organism-specific biosystem; LDL-mediated lipid transport, organism-specific biosystem;
Function	cholesterol transporter activity; enzyme binding; heparin binding; lipid transporter activity; low-density lipoprotein particle receptor binding; phospholipid binding; protein heterodimerization activity;