

Native Human ApoLipoprotein

Cat. No. APOA1-8034H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human ApoLipoprotein was purified from Human Plasma.
Species	Human
Source	Human Plasma
Description	Apo-AI comprises about 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	10 mM Ammonium Bicarbonate, pH 7.4
Purity	>98% pure by SDS-PAGE
Applications	Tissue/Cell Culture
Storage	-20 °C
Concentration	>1.0 mg/mL by BCA protein

GENE INFORMATION

Gene Name	APOA1 apolipoprotein A-I [Homo sapiens]
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Official Symbol	APOA1
Synonyms	APOA1; apolipoprotein A-I; apo-AI; apoA-I; MGC117399;
Gene ID	335
mRNA Refseq	NM_000039
Protein Refseq	NP_000030
MIM	107680
UniProt ID	P02647
Chromosome Location	11q23-q24
Pathway	ABC-family proteins mediated transport, organism-specific biosystem; ABCA transporters in lipid homeostasis, organism-specific biosystem; African trypanosomiasis, organism-specific biosystem; African trypanosomiasis, conserved biosystem; Amyloids, organism-specific biosystem; Chylomicron-mediated lipid transport, organism-specific biosystem; Disease, organism-specific biosystem;
Function	apolipoprotein A-I receptor binding; apolipoprotein receptor binding; beta-amyloid binding; cholesterol binding; contributes_to cholesterol transporter activity; cholesterol transporter activity; enzyme binding; high-density lipoprotein particle binding; high-density lipoprotein particle receptor binding; identical protein binding; lipid transporter activity; phosphatidylcholine-sterol O-acyltransferase activator activity; phospholipid binding; protein binding;

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