

Recombinant Human Apolipoprotein C-I

Cat. No. APOC1-4903H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human APOC1 was expressed by baculovirus in Human Plasma.
Species	Human
Source	Human Plasma
Description	APOC1 is one of the protein components of VLDL lipoprotein. The normal plasma concentration of APOC1 is 4-7 mg per 100 ml. Elevated levels of Apo CI may offer some protection from obesity and insulin-dependent diabetes.
Molecular Weight	6.6 kDa
Form	Lyophilized from 10 mM NH ₄ HCO ₃ , pH 7.4.
Appearance	Lyophilized protein
Reconstitution	Reconstitute in 100 ul of ddH ₂ O. Additional dilutions can be prepared in 10 mM NH ₄ HCO ₃ , pH 7.4.
Purity	≥95% by SDS-PAGE
Storage	The lyophilized human Apolipoprotein CI is best stored desiccated below 0°C. After reconstitution, aliquot and store at -20°C. Avoid multiple freeze/thaws.
Pathways	Statin Pathway

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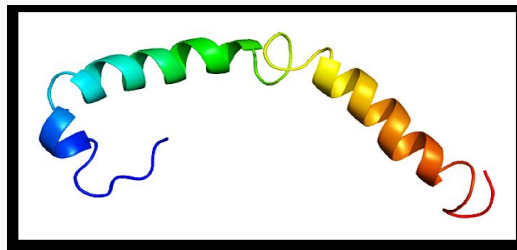
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GENE INFORMATION

Gene Name	APOC1 apolipoprotein C-I [Homo sapiens]
Official Symbol	APOC1
Synonyms	APOC1; apolipoprotein C-I; apolipoprotein CI; apoC-IB; apo-CIB; APOC1B; ApoC-IB; Apo-CIB
Gene ID	341
mRNA Refseq	NM_001645
Protein Refseq	NP_001636
MIM	107710
UniProt ID	P02654
Chromosome Location	19q13.2
Function	fatty acid binding; lipase inhibitor activity; phosphatidylcholine binding; phosphatidylcholine-sterol O-acyltransferase activator activity; phospholipase inhibitor activity

PDB rendering based on 1ioj.



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