

Native Human Apolipoprotein C-I

Cat. No. APOC1-616H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Native human APOC1 was expressed in human plasma. Its molecular weight is 6600 Dalton.
Species	Human
Source	Human Plasma
Description	Human Apolipoprotein C-I (APOC1) is a lipoprotein with a length of 57 amino acids. Human APOC1 is one of the most positively charged proteins in the human body. The main function of APOC1 is inhibition of CETP, probably by altering the electric charge of HDL molecules. Recent studies have suggested that APOC1 in very low-density lipoprotein (VLDL) plays an important role in causing hypertriglyceridemia independent of APOC3, which is associated with coronary heart disease (CHD). APOC1 has been found to activate LCAT. The normal plasma concentration of APOC1 is 4-7 mg/dl.
Form	Liquidin 75 mM PBS pH 7.4 + 75 mM NaCl + 75 mM EDTA.
Concentration	6.6 kDa
Molecular Weight	> 99% by SDS-PAGE
Purity	Store at -20°C. Avoid repeated freeze-thaw cycles.
Storage	Liquidin 75 mM PBS pH 7.4 + 75 mM NaCl + 75 mM EDTA.

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OfficialSymbol APOC1

GENE INFORMATION

Gene Name [APOC1 apolipoprotein C-I \[Homosapiens \]](#)

Synonyms APOC1;apolipoprotein C-I; ALPCI; Apoc1; LRRG0; apo-C1B; apoC-IB; apolipoprotein C1;ApoC-IB; Apo-C1B; APOC1B; Apolipoprotein C-I; Apolipoprotein C1; Apo-C1B";ApoC-IB"

Gene ID [341](#)

mRNA Refseq [NM_001645](#)

Protein Refseq [NP_001636](#)

MIM [107710](#)

UniProt ID P02654

Chromosome Location 19q13.2

Pathway Statin Pathway

Function fatty acid binding;lipase inhibitor activity; phosphatidylcholine binding;phosphatidylcholine-sterol O-acyltransferase activator activity;phospholipase inhibitor activity

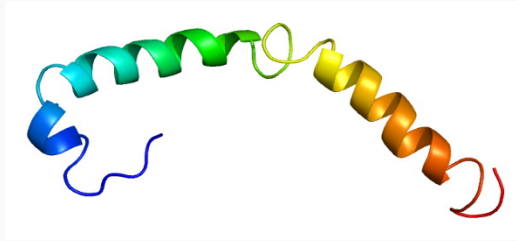
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PDB rendering
based on 1ioj.



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