

Recombinant Human APOC1 Protein, MYC/DDK-tagged

Cat. No. APOC1-2474H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human APOC1 protein, fused to MYC/DDK-tagged at C-terminus, was expressed in HEK293.
Species	Human
Source	HEK293
Description	This gene encodes a member of the apolipoprotein C1 family. This gene is expressed primarily in the liver, and it is activated when monocytes differentiate into macrophages. The encoded protein plays a central role in high density lipoprotein (HDL) and very low density lipoprotein (VLDL) metabolism. This protein has also been shown to inhibit cholesteryl ester transfer protein in plasma. A pseudogene of this gene is located 4 kb downstream in the same orientation, on the same chromosome. This gene is mapped to chromosome 19, where it resides within a apolipoprotein gene cluster. Alternative splicing and the use of alternative promoters results in multiple transcript variants.
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	6.6 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

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GENE INFORMATION

Gene Name	APOC1 apolipoprotein C-I [Homo sapiens]
Official Symbol	APOC1
Synonyms	Apo-CI; apo-CIB; ApoC-I; apoC-IB
Gene ID	341
mRNA Refseq	NM_001645
Protein Refseq	NP_001636
MIM	107710
UniProt ID	P02654

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