

Recombinant Full Length Human APOC1 Protein, C-Flag-tagged

Cat. No. APOC1-1786HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human APOC1 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
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
AA Sequence	MRLFLSLPVLVVVLSIVLEGPAPAQGTPDVSSALDKLKEFGNTLEDKARELISRIKQSE LSAKMREWFSE TFQKVKEKLKIDS TRTRPLEQKLISEEDLAANDILDYKDDDDKV

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Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Secreted Protein
Full Length	Full L.

GENE INFORMATION

Gene Name	APOC1 apolipoprotein C1 [Homo sapiens (human)]
Official Symbol	APOC1
Synonyms	Apo-CI; ApoC-I; apo-CIB; apoC-IB
Gene ID	341
mRNA Refseq	NM_001645.5
Protein Refseq	NP_001636.1
MIM	107710

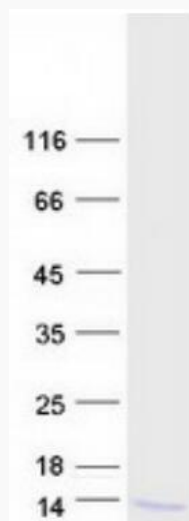
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UniProt ID

P02654



Coomassie blue staining of purified APOC1 protein.

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