

Recombinant Full Length Human APOC1 Protein, GST-tagged

Cat. No. APOC1-1125HF **Lot. No.** (See product label)

SPECIFICATION

| | |
|-------------------------|---|
| Product Overview | Human APOC1 full-length ORF (AAH09698, 1 a.a. - 83 a.a.) recombinant protein with GST-tag at N-terminal. |
| Species | Human |
| Source | In Vitro Cell Free System |
| ProteinLength | 83 amino acids |
| 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. [provided by RefSeq, Sep 2016] |
| Molecular Mass | 34.87 kDa |
| AA Sequence | MRLFLSLPVL VVVLISIVLEG PAPAQGTPDV SSALDKLKEF GNTLEDKARE LISRIKQSEL SAKMREWFSE TFQKVKEKLIK IDS |
| Applications | Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein); |

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Antibody Production; Protein Array

Storage Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

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

Official Symbol [APOC1](#)

Synonyms APOC1; apolipoprotein C-I; apo-C1B; apoC-1B; apolipoprotein C1

Gene ID [341](#)

mRNA Refseq [NM_001645](#)

Protein Refseq [NP_001636](#)

MIM [107710](#)

UniProt ID [P02654](#)

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