

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 VVLSIVLEG PAPAQGTPDV SSALDKLKEF GNTLEDKARE LISRIKQSEL SAKMREWFSE TFQKVKEKLLK 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-CIB; apoC-IB; apolipoprotein C1**Gene ID** [341](#)**mRNA Refseq** [NM_001645](#)**Protein Refseq** [NP_001636](#)**MIM** [107710](#)**UniProt ID** [P02654](#) Tel: 1-631-559-9269 1-516-512-3133 Email: info@creative-biomart.com  Fax: 1-631-938-8127 45-1 Ramsey Road, Shirley, NY 11967, USA