

# Recombinant Full Length Human APOC2 Protein, GST-tagged

Cat. No. APOC2-1127HF Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Human APOC2 full-length ORF ( ENSP00000252490, 1 a.a. - 101 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>ProteinLength</b>	101 amino acids
<b>Description</b>	This gene encodes a lipid-binding protein belonging to the apolipoprotein gene family. The protein is secreted in plasma where it is a component of very low density lipoprotein. This protein activates the enzyme lipoprotein lipase, which hydrolyzes triglycerides and thus provides free fatty acids for cells. Mutations in this gene cause hyperlipoproteinemia type IB, characterized by hypertriglyceridemia, xanthomas, and increased risk of pancreatitis and early atherosclerosis. This gene is present in a cluster with other related apolipoprotein genes on chromosome 19. Naturally occurring read-through transcription exists between this gene and the neighboring upstream apolipoprotein C-IV (APOC4) gene. [provided by RefSeq, Mar 2011]
<b>Molecular Mass</b>	37.7 kDa
<b>AA Sequence</b>	MGTRLLPALF LVLLVLGFEV QGTQQPQQDE MPSPTFLTQV KESLSSYWES AKTAAQNLYE KTYLPAVDEK LRDLYSKSTA AMSTYTGIFT DQVLSVLKGE E
<b>Applications</b>	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** [APOC2 apolipoprotein C-II \[ Homo sapiens \]](#)

**Official Symbol** [APOC2](#)

**Synonyms** APOC2; apolipoprotein C-II; apolipoprotein C2; APO-CII; APOC-II; MGC75082

**Gene ID** [344](#)

**mRNA Refseq** [NM\\_000483](#)

**Protein Refseq** [NP\\_000474](#)

**MIM** [608083](#)

**UniProt ID** [P02655](#)

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