

Recombinant Full Length Human APOC2 Protein, GST-tagged

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

SPECIFICATION

Product Overview	Human APOC2 full-length ORF (ENSP00000252490, 1 a.a. - 101 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	101 amino acids
Description	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]
Molecular Mass	37.7 kDa
AA Sequence	MGTRLLPALF LVLLVLGFEV QGTQQPQQDE MPSPTFLTQV KESLSSYWES AKTAAQNLYE KTYLPAVDEK LRDLYSKSTA AMSTYTGIFT DQVLSVLKGE E
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 [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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