

Product datasheet for **BA056**

Apolipoprotein C II / ApoC2 Human Protein

Product data:

Product Type:	Native Proteins
Description:	Apolipoprotein C II / ApoC2 human protein, 50 µg
Species:	Human
Protein Source:	Plasma
Concentration:	lot specific
Purity:	>95%
Buffer:	Presentation State: Purified State: Lyophilized purified fraction (>95% pure by SDS-PAGE) Buffer System: 10 mM NH ₄ HCO ₃ , pH 7.4 without preservatives
Reconstitution Method:	Restore with 35.7 µl distilled water.
Preparation:	Lyophilized purified fraction (>95% pure by SDS-PAGE)
Note:	Caution: All human source materials have tested negative for HIV 1, HIV 2, anti-HCV, anti-HBc antibodies and HBsAg. No test guarantees a product to be non-infectious. Therefore, all material derived from human fluids or tissues should be considered as potentially infectious.
Storage:	Store at -20°C, aliquot reconstituted at -20°C. Store lyophilized product at -20°C with a desiccant. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_000474
Locus ID:	344
Cytogenetics:	19q13.32
Synonyms:	APO-CII; APOC-II



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Summary:

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]

Protein Families:

Druggable Genome, Secreted Protein