

Native Human APOC2 protein

Cat. No. APOC2-27331TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Native Human APOC2 was purified from Human Plasma.
Species	Human
Source	Human Plasma
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.
Form	Lyophilized from 32.1 ul 10 mM NH ₄ HCO ₃ , pH 7.4
Molecular Mass	8800 kDa
Purity	>=95% by SDS-PAGE
Notes	Prepared from fresh, non-frozen plasma shown to be non reactive for HBsAg, anti-HCV, anti-HBc, and negative for anti-HIV 1 & 2 by FDA approved tests.

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Storage	<= -20 centigrade or lower
Reconstitution	After initial centrifugation, we suggest the re-addition of the lyophilization buffer (10 mM NH ₄ HCO ₃ , pH 7.4) to the original volume, followed by gentle swirling and/or vortexing to ensure adequate homogenization. If further dilution is required, please use the lyophilization 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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