

Native Human APOC3

Cat. No. APOC3-27333TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Full length native Apolipoprotein CIII purified from human plasma, VLDL.
Species	Human
Description	Apolipoprotein C-III is a very low density lipoprotein (VLDL) protein. APOC3 inhibits lipoprotein lipase and hepatic lipase; it is thought to delay catabolism of triglyceride-rich particles. The APOA1, APOC3 and APOA4 genes are closely linked in both rat and human genomes. The A-I and A-IV genes are transcribed from the same strand, while the A-1 and C-III genes are convergently transcribed. An increase in ap ^o C-III levels induces the development of hypertriglyceridemia.
Form	Lyophilised: Reconstitute with 59.9ul distilled water.
Purity	>95% by SDS-PAGE
Storage buffer	Preservative: None Constituents: 10mM Ammonium bicarbonate, pH 7.4
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.
Full Length	Full L.

GENE INFORMATION

Gene Name	APOC3 apolipoprotein C-III [Homo sapiens]
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Official Symbol	APOC3
Synonyms	APOC3; apolipoprotein C-III;
Gene ID	345
mRNA Refseq	NM_000040
Protein Refseq	NP_000031
MIM	107720
Uniprot ID	P02656
Chromosome Location	11q23-qter
Pathway	Chylomicron-mediated lipid transport, organism-specific biosystem; HDL-mediated lipid transport, organism-specific biosystem; Lipid digestion, mobilization, and transport, organism-specific biosystem; Lipoprotein metabolism, organism-specific biosystem; Metabolism of lipids and lipoproteins, organism-specific biosystem;
Function	cholesterol binding; enzyme regulator activity; high-density lipoprotein particle receptor binding; lipase inhibitor activity; phospholipid binding;

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