

APOC3 (Human) Native Protein

Catalog # P4280

Size 50 ug

Specification

Product Description	Human APOC3 native protein from human plasma.
Host	Human
Theoretical MW (kDa)	9
Form	Lyophilized
Preparation Method	Native protein purified from human plasma.
Purity	> 90% by SDS-PAGE
Storage Buffer	Lyophilized from 10 mM NH ₄ HCO ₃ , pH 7.4.
Storage Instruction	Store at -80°C. After reconstitution with 100 ul reagent grade water to generate 1 mg/mL solution, store at -80°C. Aliquot to avoid repeated freezing and thawing. Allow the protein solution to sit for 10 minutes with gentle agitation prior to use.

Applications

- SDS-PAGE

Gene Info — APOC3

Entrez GeneID	345
Gene Name	APOC3
Gene Alias	APOCIII, MGC150353
Gene Description	apolipoprotein C-III

Omim ID [107720](#)

Gene Ontology [Hyperlink](#)

Gene Summary

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 apoC-III levels induces the development of hypertriglyceridemia. [provided by RefSeq]

Other Designations -

Pathway

- [PPAR signaling pathway](#)

Disease

- [Alzheimer disease](#)
- [Amyotrophic lateral sclerosis](#)
- [Arterial Occlusive Diseases](#)
- [Arteriosclerosis](#)
- [Atherosclerosis](#)
- [Birth Weight](#)
- [Body Weight](#)
- [Brain Ischemia](#)
- [Calcinosis](#)
- [Cardiovascular Diseases](#)
- [Carotid Artery Diseases](#)
- [Carotid Stenosis](#)
- [Chorioamnionitis](#)
- [Cognition](#)

- [Constriction](#)
- [Coronary Artery Disease](#)
- [Coronary Disease](#)
- [Coronary Stenosis](#)
- [Diabetes Complications](#)
- [Diabetes Mellitus](#)
- [Diabetic Angiopathies](#)
- [Diabetic Nephropathies](#)
- [Diabetic Neuropathies](#)
- [Diabetic Retinopathy](#)
- [Diseases in Twins](#)
- [Ductus Arteriosus](#)
- [Dyslipidemias](#)
- [Edema](#)
- [Fatty Liver](#)
- [Fetal Membranes](#)
- [Gallstones](#)
- [Gender Identity](#)
- [Genetic Predisposition to Disease](#)
- [Glucose Intolerance](#)
- [Heart Diseases](#)
- [Hepatitis](#)
- [Hepatitis C](#)
- [HIV Infections](#)
- [HIV-Associated Lipodystrophy Syndrome](#)
- [Hypercholesterolemia](#)

- [Hyperglycemia](#)
- [Hyperlipidemia](#)
- [Hyperlipidemias](#)
- [Hyperlipoproteinemia Type II](#)
- [Hyperlipoproteinemia Type III](#)
- [Hyperlipoproteinemia Type IV](#)
- [Hyperlipoproteinemias](#)
- [Hypertension](#)
- [Hypertriglyceridemia](#)
- [Hyperuricemia](#)
- [Hypolipoproteinemias](#)
- [Infant](#)
- [Inflammation](#)
- [Insulin Resistance](#)
- [Kidney Failure](#)
- [Metabolic Syndrome X](#)
- [Microvascular Angina](#)
- [Myocardial Infarction](#)
- [Myocardial Ischemia](#)
- [Neoplasms](#)
- [Obesity](#)
- [Obstetric Labor](#)
- [Osteoporosis](#)
- [Peripheral Vascular Diseases](#)
- [Postoperative Complications](#)
- [Pre-Eclampsia](#)

- [Premature Birth](#)
- [Recurrence](#)
- [Renal Insufficiency](#)
- [Schizophrenia](#)
- [Stroke](#)
- [Thrombosis](#)
- [Vascular Diseases](#)
- [Weight Loss](#)
- [Werner syndrome](#)