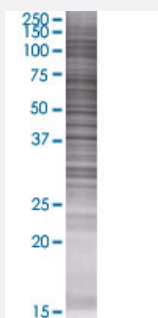


APOA5 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00116519-T01

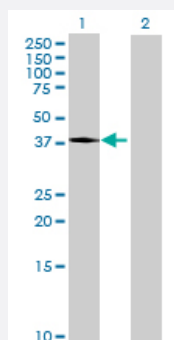
Size 100 uL

Applications



SDS-PAGE Gel

APOA5 transfected lysate.



Western Blot

Lane 1: APOA5 transfected lysate (40.37 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-APOA5 full-length
Host	Human
Theoretical MW (kDa)	40.37
Interspecies Antigen Sequence	Mouse (72); Rat (71)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-APOA5 antibody ([H00116519-B01](#)) by Western Blots.
 SDS-PAGE Gel
 APOA5 transfected lysate.
 Western Blot
 Lane 1: APOA5 transfected lysate (40.37 KDa)
 Lane 2: Non-transfected lysate.

Storage Buffer

1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot

Gene Info — APOA5

Entrez GeneID

[116519](#)

GeneBank Accession#

[NM_052968.3](#)

Protein Accession#

[AAI01790.1](#)

Gene Name

APOA5

Gene Alias

APOA-V, APOAV, MGC126836, MGC126838, RAP3

Gene Description

apolipoprotein A-V

Omim ID

[144650](#) [145750](#) [606368](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

The protein encoded by this gene is an apolipoprotein and an important determinant of plasma triacylglyceride levels, a major risk factor for coronary artery disease. It is a component of high density lipoprotein and is highly similar to a rat protein that is upregulated in response to liver injury. This gene uses alternate polyadenylation sites and is located proximal to the apolipoprotein gene cluster on chromosome 11q23. [provided by RefSeq]

Other Designations

apolipoprotein A-V precursor variant 1|apolipoprotein A-V precursor variant 2|apolipoprotein A5|apolipoprotein AV|regeneration-associated protein 3

Pathway

- [PPAR signaling pathway](#)

Disease

- [Acute Disease](#)
- [Alzheimer disease](#)
- [Aortic Diseases](#)
- [Arteriosclerosis](#)
- [Atherosclerosis](#)
- [Brain Ischemia](#)
- [Calcinosis](#)
- [Cardiovascular Diseases](#)
- [Carotid Artery Diseases](#)
- [Carotid Stenosis](#)
- [Cerebral Infarction](#)
- [Cerebrovascular Accident](#)
- [Cleft Lip](#)
- [Cleft Palate](#)
- [Coronary Artery Disease](#)
- [Coronary Disease](#)
- [Diabetes Complications](#)
- [Diabetes Mellitus](#)
- [Diabetic Nephropathies](#)
- [Disease](#)
- [Disease Progression](#)

- [Disease Susceptibility](#)
- [Diseases in Twins](#)
- [DNA Damage](#)
- [Ductus Arteriosus](#)
- [Dyslipidemias](#)
- [Edema](#)
- [Fibrosis](#)
- [Genetic Predisposition to Disease](#)
- [Hepatitis C](#)
- [HIV Infections](#)
- [Hypercholesterolemia](#)
- [Hyperlipidemia](#)
- [Hyperlipidemias](#)
- [Hyperlipoproteinemia Type I](#)
- [Hyperlipoproteinemia Type II](#)
- [Hyperlipoproteinemia Type III](#)
- [Hyperlipoproteinemias](#)
- [Hypertriglyceridemia](#)
- [Hypolipoproteinemias](#)
- [Infant](#)
- [Insulin Resistance](#)
- [Intracranial Arteriosclerosis](#)
- [Kidney Failure](#)
- [Metabolic Syndrome X](#)
- [Myocardial Infarction](#)
- [Neoplasms](#)

- [Obesity](#)
- [Obstetric Labor](#)
- [Osteoporosis](#)
- [Overweight](#)
- [Pancreatitis](#)
- [Pregnancy Complications](#)
- [Renal Insufficiency](#)
- [Schizophrenia](#)
- [Stroke](#)
- [Weight Loss](#)
- [Werner syndrome](#)