

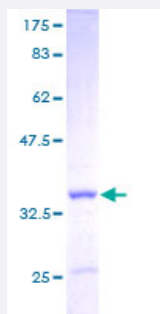
Full-Length

APOC1 (Human) Recombinant Protein (P01)

Catalog # H00000341-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human APOC1 full-length ORF (AAH09698, 1 a.a. - 83 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MRLFLSLPVLVVVLSIVLEGPAQAQGPDPVSSALDKLKEFGNTLEDKARELISRIKQSELSAKMRE WFSETFQKVKEKLKIDS
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	34.87
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — APOC1

Entrez GeneID [341](#)

GeneBank Accession# [BC009698](#)

Protein Accession# [AAH09698](#)

Gene Name APOC1

Gene Alias -

Gene Description apolipoprotein C-I

Omim ID [107710](#)

Gene Ontology [Hyperlink](#)

Gene Summary The protein encoded by this gene is a member of the apolipoprotein C1 family. This gene is expressed primarily in the liver, and it is activated when monocytes differentiate into macrophages. A pseudogene of this gene is located 4 kb downstream in the same orientation, on the same chromosome. This gene is mapped to chromosome 19, where it resides within a apolipoprotein gene cluster. Alternatively spliced transcript variants have been found for this gene, but the biological validity of some variants has not been determined. [provided by RefSeq]

Other Designations -

Disease

- [Alzheimer disease](#)
- [Atherosclerosis](#)

- [Carcinoma](#)
- [Cardiovascular Diseases](#)
- [Cholelithiasis](#)
- [Cognition](#)
- [Coronary Artery Disease](#)
- [Coronary Disease](#)
- [Dementia](#)
- [Diabetes Complications](#)
- [Diabetes Mellitus](#)
- [Diabetic Nephropathies](#)
- [Disease Progression](#)
- [Edema](#)
- [Gallstones](#)
- [Genetic Predisposition to Disease](#)
- [Hepatitis C](#)
- [Hypercholesterolemia](#)
- [Hyperlipidemias](#)
- [Hypertension](#)
- [Hypertriglyceridemia](#)
- [Inflammation](#)
- [Kidney Neoplasms](#)
- [Memory](#)
- [Memory Disorders](#)
- [Mental Status Schedule](#)
- [Multiple Sclerosis](#)
- [Myocardial Infarction](#)

- [Neuropsychological Tests](#)
- [Obesity](#)
- [Psychiatric Status Rating Scales](#)
- [Psychomotor Performance](#)
- [Verbal Learning](#)
- [Visual Perception](#)