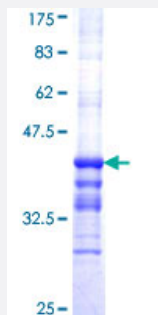


APOC2 (Human) Recombinant Protein (Q01)

Catalog # H00000344-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human APOC2 partial ORF (AAH05348, 23 a.a. - 101 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	TQQPQQDEMPSTLLTQVKESLSSYWESAKTAAQNLYEKTYPVAVDEKLRDLYSKSTAAMSTYT GIFTDQVLSVLKGEE
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	34.43
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 — APOC2

Entrez GeneID	344
GeneBank Accession#	BC005348
Protein Accession#	AAH05348
Gene Name	APOC2
Gene Alias	MGC75082
Gene Description	apolipoprotein C-II
Omim ID	207750 608083
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene 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. [provided by RefSeq]
Other Designations	-

Disease

- [Atherosclerosis](#)
- [Calcinosis](#)
- [Cardiovascular Diseases](#)
- [Cleft Lip](#)

- [Cleft Palate](#)
- [Coronary Artery Disease](#)
- [Coronary Disease](#)
- [Diabetes Mellitus](#)
- [Diseases in Twins](#)
- [Ductus Arteriosus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Hepatitis C](#)
- [Hyperlipidemias](#)
- [Hypertriglyceridemia](#)
- [Infant](#)
- [Obstetric Labor](#)
- [Pancreatitis](#)
- [Steatorrhea](#)