

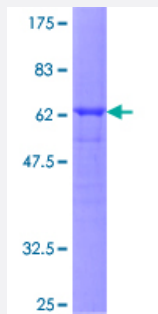
Full-Length

APOL3 (Human) Recombinant Protein (P01)

Catalog # H00080833-P01

Size 10 ug, 25 ug

Applications



Specification

Product Description	Human APOL3 full-length ORF (NP_055164.1, 1 a.a. - 331 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MDSEKKRFTEEATKYFRERVSPVHLQILLTNEAWKRFVTAAELPRDEADALYEALKKLRTYAAIE DEYVQQKDEQFREWFLKEFPQVKRKIQESIEKLRALANGIEEVHRGCTISNVVSSSTGAASGIMSL AGLVLAPFTAGTSLALTAAGVGLGAASAVTGITTSIVEHSYTSSAEAEASRLTATSIDRLKVFEVM RDITPNLLSLLNNYYEATQTIGSEIRAIRQARARARLPVTTWRISAGSGGQAERTIAGTTRAVSRGARI LSATTSGIFLALDVVNLVYESKHLHEGAKSASAEELRRQAQEELENLMELTQIYQRLNPCHTH
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	62.9
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 — APOL3

Entrez GeneID [80833](#)

GeneBank Accession# [NM_014349.2](#)

Protein Accession# [NP_055164.1](#)

Gene Name APOL3

Gene Alias APOLIII, CG12-1

Gene Description apolipoprotein L, 3

Omim ID [607253](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene is a member of the apolipoprotein L gene family, and it is present in a cluster with other family members on chromosome 6. The encoded protein is found in the cytoplasm, where it may affect the movement of lipids, including cholesterol, and/or allow the binding of lipids to organelles . In addition, expression of this gene is up-regulated by tumor necrosis factor-alpha in endothelial cells lining the normal and atherosclerotic iliac artery and aorta. Alternative splicing results in multiple transcript variants. [provided by RefSeq]

Other Designations OTTHUMP00000028913|TNF-inducible protein CG12-1|apolipoprotein L-III|apolipoprotein L3

Disease

- [Genetic Predisposition to Disease](#)
- [Hypercholesterolemia](#)

- [Prostatic Neoplasms](#)
- [Tobacco Use Disorder](#)