

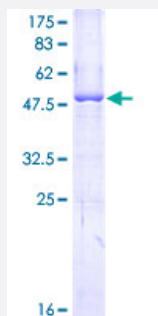
Full-Length

APOL1 (Human) Recombinant Protein (P01)

Catalog # H00008542-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human APOL1 full-length ORF (AAH17331.1, 1 a.a. - 238 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MEGAALLRVSVLCIMMSALFLGVGVRAEEAGARVQQNVPSGTDTGDPQSKPLGDWAAGTMDP ESSIFIEDAIKYFKEKVSTQNLLLLLTDNEAWNGFVAAAELPRNEADELRKALDNLARQMIMKDKN WHDKGQQYRNWFLKEFPRLKSELEDNIRRLRALADGVQKVHKGTTIANVVSGSLSISSGILTLVGM GLAPFTEGGSLVLEPGMELGITAALTGITSSTMDYGKKWWTQA
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	52.4
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 — APOL1

Entrez GeneID [8542](#)

GeneBank Accession# [BC017331.1](#)

Protein Accession# [AAH17331.1](#)

Gene Name APOL1

Gene Alias APO-L, APOL, APOL-I

Gene Description apolipoprotein L, 1

Omim ID [181500 603743](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes a secreted high density lipoprotein which binds to apolipoprotein A-I. Apolipoprotein A-I is a relatively abundant plasma protein and is the major apoprotein of HDL. It is involved in the formation of most cholesteryl esters in plasma and also promotes efflux of cholesterol from cells. This apolipoprotein L family member may play a role in lipid exchange and transport throughout the body, as well as in reverse cholesterol transport from peripheral cells to the liver. Several different transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]

Other Designations OTTHUMP00000028705|apolipoprotein L-1|apolipoprotein L1

Disease

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- [Edema](#)
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