

# Recombinant Full Length Human ART3 Protein, GST-tagged

Cat. No. ART3-1067HF Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Human APOL1 full-length ORF ( AAH17331.1, 1 a.a. - 238 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>ProteinLength</b>	238 amino acids
<b>Description</b>	<p>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, Nov 2008]</p>
<b>Molecular Mass</b>	52.4 kDa
<b>AA Sequence</b>	<p>MEGAALLRVS VLCIWMSALF LGVGVRAEEA GARVQQNVPS GTDTGDPQSK            PLGDWAAGTM DPESSIFIED AIKYFKEKVS TQNLLLLLTD NEAWNGFVAA            AELPRNEADE LRKALDNLAR QMIMKDKNWH DKGQQYRNWF LKEFPRLKSE            LEDNIRRLRA LADGVQKVHK GTTIANVVSG SLSISSGILT LVGMGLAPFT            EGGSLVLEP GMELGITAAL TGITSSTMDY GKKWWTQA</p>

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<b>Applications</b>	Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein); Antibody Production; Protein Array
<b>Storage</b>	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

## GENE INFORMATION

<b>Gene Name</b>	APOL1 apolipoprotein L, 1 [ Homo sapiens ]
<b>Official Symbol</b>	APOL1
<b>Synonyms</b>	APOL1; apolipoprotein L, 1; APOL; apolipoprotein L1; APO-L; FSGS4; APOL-I
<b>Gene ID</b>	8542
<b>mRNA Refseq</b>	NM_001136540
<b>Protein Refseq</b>	NP_001130012
<b>MIM</b>	603743
<b>UniProt ID</b>	O14791

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