

Recombinant Full Length Human ART3 Protein, GST-tagged

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

SPECIFICATION

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

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

GENE INFORMATION

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

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