

Recombinant Human APOL1, His-tagged

Cat. No. APOL1-3575H Lot. No. (See product label)

SPECIFICATION

Product Overview	Apolipoprotein L1 (APOL1)
Species	Human
Source	E.Coli/Yeast
ProteinLength	398
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.
Form	This item requires custom production and lead time is between 5-9 weeks. We can custom produce according to your specifications.
Purity	>90%
Notes	Small volumes of APOL1 recombinant protein may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container's cap. Certain products may require to ship with dry ice.

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 45-1 Ramsey Road, Shirley, NY 11967, USA

Storage	Store at -20 degree C. For extended storage, store at -20 or -80 degree C.
Storage Buffer	PBS pH 7.4, 50% glycerol
Warning	This product is for research use only. Not for use in diagnostic or therapeutic procedures.

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
Chromosome Location	22q13.1
Pathway	African trypanosomiasis, organism-specific biosystem; African trypanosomiasis, conserved biosystem;
Function	chloride channel activity; lipid binding; protein binding;

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