

Recombinant Human APOL1, GST-tagged

APOL1-9766H Human

Lot. No. (See product label)

Specification

Product Overview

Recombinant Human APOL1 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.

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.

Source

E.coli

Species

Human

Tag

GST

Protein length

N-term-238a.a.

Storage

The protein is stored in PBS buffer at -20. Avoid repeated freezing and thawing cycles.

Storage Buffer

1M PBS (58mM Na2HPO4, 17mM NaH2PO4, 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

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

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biosystem;

Function

chloride channel activity; lipid binding; protein binding;

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