

Recombinant Full Length Human APOL1 Protein, C-Flag-tagged

Cat. No. APOL1-228HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human APOL1 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
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	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	41.1 kDa
AA Sequence	MEGAALLRVSVLCIWMSALFLGVGVRAEEAGARVQQNVPSGTDGDPQSKPLGDW AAGTMDPESSIFIED AIKYFKEKVSTQNLLLLLTDNEAWNGFVAAAELPRNEADELRK ALDNLARQMIMKDKNWHDKGQQYRNWF LKEFPRLKSKLEDNIRRLRALADGVQKV HKGTTIANVVSGSLSISSGILTLVGMGLAPFTEGGSLVLLEP GMELGITAALTGITSST MDYGKKWWTQAQAHDLVIKSLDKLKEVREFLGENISNFLSLAGNTYQLTRGIG KDIR

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

ALRRARANLQSVPHASASRPRVTEPISAESGEQVERVNEPSILEMSRGVKLTDVAPV
 SFFLVLDVV
 YLVYESKHLHEGAKSETAEELKKVAQELEEKLNILNNNYKILQADQELTRTRPLEQKLI
 SEEDLAANDILDYKDDDDKV

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Secreted Protein, Transmembrane
Full Length	Full L.

GENE INFORMATION

Gene Name	APOL1 apolipoprotein L1 [Homo sapiens (human)]
Official Symbol	APOL1
Synonyms	APOL; APO-L; FSGS4; APOL-I
Gene ID	8542

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

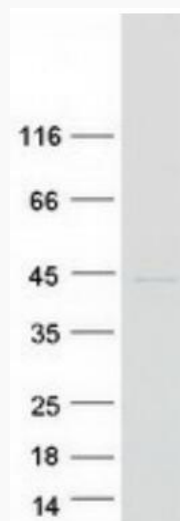


mRNA Refseq [NM_003661.4](#)

Protein Refseq [NP_003652.2](#)

MIM [603743](#)

UniProt ID [O14791](#)



Coomassie blue staining of purified APOL1 protein.

Tel: 1-631-559-9269 1-516-512-3133

Email: info@creative-biomart.com Fax: 1-631-938-8127

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