

Recombinant Human APOL1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. APOL1-2823H Lot. No. (See product label)

SPECIFICATION

Product Overview	APOL1 MS Standard C13 and N15-labeled recombinant protein (NP_003652) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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.
Molecular Mass	43.97 kDa
AA Sequence	MEGAALLRVSVLCIWMSALFLGVGVRAEEAGARVQQNVPSGTDGDPQSKPLGDW AAGTMDPESSIFIEDAIKYFKEKVSTQNLLLLLDNEAWNGFVAAAELPRNEADELRK ALDNLARQMIMKDKNWHDKGQQYRNWFLKEFPRLKSKLEDNIRRLRALADGVQKV HKGTTIANVVSGSLSISSGILTLVGMGLAPFTEGGSLVLLLEPGMELGITAALTGITSST MDYGKKWWTQAQAHDLVIKSLDKLKEVREFLGENISNFLSLAGNTYQLTRGIGKDIR ALRRARANLQSVPHASASRPRVTEPISAESGEQVERVNEPSILEMSRGVKLTDVAPV

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SFFLVLDVVYLVYESKHLHEGAKSETAEELKKVAQELEEKLNILNNNYKILQADQELT
RTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name [APOL1 apolipoprotein L1 \[Homo sapiens \(human\) \]](#)

Official Symbol [APOL1](#)

Synonyms APOL1; apolipoprotein L, 1; APOL; apolipoprotein L1; APO-L; FSGS4; APOL-I;

Gene ID [8542](#)

mRNA Refseq [NM_003661](#)

Protein Refseq [NP_003652](#)

MIM [603743](#)

UniProt ID [O14791](#)

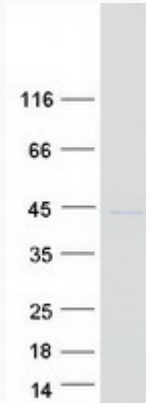
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SDS-PAGE



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