

Recombinant Human APOL1 Protein, His-tagged

Cat. No. APOL1-582H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant human APOL1 (Met 1-Leu398) (Q2KHK6) was expressed, with a C-terminal polyhistidine tag.
Species	Human
Source	Insect Cells
ProteinLength	1-398 a.a.
Predicted N Terminal	Glu 28
Form	Lyophilized from sterile 20mM Tris, 500mM NaCl, pH 7.4, 10% gly, 3mM DTT, 5%~8% trehalose and mannitol.
Molecular Mass	The secreted recombinant human APOL1 consists of 381 amino acids and predicts a molecular mass of 42.5 KDa. The apparent molecular mass of the protein is approximately 44 KDa in SDS-PAGE under reducing conditions due to glycosylation.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	>91 % as determined by SDS-PAGE.
Stability	Samples are stable for up to twelve months from date of receipt at -70°C.
Storage	Store it under sterile conditions at -20°C~-70°C. It is recommended that the protein be

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aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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;

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