

Recombinant Human APOL1 Protein, His-tagged

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

SPECIFICATION

Product Overview	Recombinant Human APOL1 Protein(Met 1-Leu398) (Q2KHQ6) was expressed in Insect Cells, with a C-terminal polyhistidine tag.
Species	Human
Source	Insect Cells
ProteinLength	1-398 aa
Form	Lyophilized from sterile 20mM Tris, 500mM NaCl, pH 7.4, 10% gly, 3mM DTT.
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.
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities 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 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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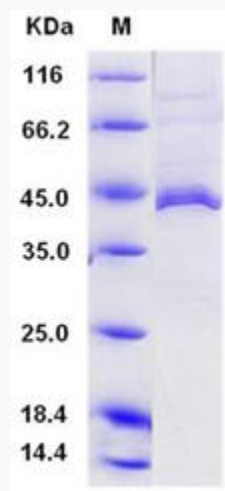
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GENE INFORMATION

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

SDS-PAGE



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