

Recombinant Human APOL1 protein, His-tagged

Cat. No. APOL1-2849H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human APOL1 protein(O14791)(378aa), fused with His Tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	378aa
Molecular Mass	42.1kDa
AA Sequence	<p>MHHHHHHEEA GARVQQNVPS GTDTGDPQSK PLGDWAAGTM DPESIFIED AIKYFKEKVS</p> <p>TQNLLLLLTD NEAWNGFVAA AELPRNEADE LRKALDNLAR QMIMKDKNWH DKGQQYRNWF</p> <p>LKEFPRLKSE LEDNIRRLRA LADGVQKVHK GTTIANTEGG SLVLEPGME LGITAALTGI</p> <p>TSSTMDYGKK WWTQAQAHDL VIKSLDKLKE VREFLGENIS NFLSLAGNTY QLTRGIGKDI</p> <p>RALRRARANL QSVPHASASR PRVTEPISAE SGEQVERVNE PSILEMSRGV KLTDVAPVSF</p> <p>FLVLDVVYLV YESKHLHEGA KSETAEELKK VAQELEEKLN ILNNNYKILQ ADQEL</p>
Endotoxin	< 1EU/μg

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Purity	>95%(SDS-PAGE & RP-HPLC)
Storage	<p>If the sample is used within 2-4 weeks, it can be stored at low temperature at 4°C.</p> <p>For long-term storage, it is recommended to add carrier protein (0.1% HSA or BSA) and store at -20~ -80°C.</p> <p>Avoid multiple freeze-thaws.</p>
Reconstitution	<p>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.</p>

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

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