

Product datasheet for **SC215048**

Apolipoprotein L 1 (APOL1) (NM_001136541) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	Apolipoprotein L 1 (APOL1) (NM_001136541) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	APOL1
Synonyms:	APO-L; APOL; APOL-I; FSGS4
ACCN:	NM_001136541
Insert Size:	1522 bp



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Insert Sequence:	<p>>SC215048 3'UTR clone of NM_001136541 The sequence shown below is from the reference sequence of NM_001136541. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site</p> <pre>GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC AAGATTCTGCAGGCGGACCAAGAAGTGTGACCACAGGGCAGGGCAGCCACCAGGAGAGATATGCCTGGC AGGGGCCAGGACAAAATGCAAACTTTTTTTTTTTCTGAGACAGAGTCTTGCTCTGTCGCAAGTTGGA GTGCAATGGTGGCAGTCTCAGCTCACTGCAAGCTCTGCCTCCCGTGTTCAGCGATTCTCCTGCCTGGC CTCCCAAGTAGCTGGGACTACAGGCGCCTACCACCATGCCAGCTAATTTTTGTATTTTTAATAGAGAT GGGTTTACCATGTTGGCCAGGATGGTCTCGATCTCCTGACCTTTGATCTGCCACCTTGGCCTCCC AAAGTGTGGGATTACAGGCGTGAGCCATCGCTTTTGACCAAATGCAAACATTTTATTAGGGGGATAA AGAGGGTGAGGTAAGTTTATGGAAGTGTAGGGACTTTGGCATTTCATAGCTGAGCACAGCAG GGGAGGGTTAATGCAGATGGCAGTGCAGCAAGGAGAAGGCAGGAACATTGGAGCCTGCAATAAGGGAA AAATGGGAAGTGGAGAGTGTGGGAATGGGAAGAAGCAGTTTACTTTAGACTAAAGAATATATTGGGGG GCCGGGTGTAGTGGCTCATGCCTGTAATCCGAGCACTTTGGGAGGCCAAGGCGGGCGGATCACGAGGTC AGGAGATCGAGACCATCCTGGCTAACACAGTGAACCCCGTCTCTACTAAAAATACAAAAAATTAGCCG GGCATGGTGGCGGGCGCCTGTAGTTCCAGCTAACTGGGCGGCTGAGGCAGGAGAAATGGCGTGAACCTGG GAGGTGGAGCTTGCAGTGAAGCCGAGATATCGCCACTGCACTCCAGCCTGGGTGACAGAGCGAGACTCCA TCTCAAAAAAAAAAAAAAAAAAGAATATATTGACGGAAGAATAGAGAGGAGGCTTGAAGGAACCAGCAAT GAGAAGGCCAGGAAAAGAAAGAGCTGAAAATGGAGAAAGCCCAAGAGTTAGAACAGTTGGATACAGGAG AAGAAACAGCGGCTCCACTACAGACCCAGCCCGAGTTCAATGTCCTCCGAAAGTGAAGTCTTTCCCT GGTGATGGTCCCTGCCCTGTCTTTCCAGCATCCACTCTCCCTTGCTCCTGCGGGGCATATCTCAGTTC AGGCAGCGGCTTCTGATGATGGTCAATTGGGGTGGTTGTCATGTGATGGGTCCCTCCAGGTTACTAAA GGGTGCATGTCCCTGCTTGAACACTGAAGGGCAGGTGGTGGGCCATGGCCATGGTCCCAAGCTGAGGA GCAGGTGTCCCTGAGAACCCTTCCAGAGAGTATGTGAGAACCAACCAATGAAAACAGTCCCATC GCTCTTACCCGGTAAGTAAACAGTCAGAAAATTAGCATGAAAGCAGTTTAGCATTGGGAGGAAGCTCAG ATCTCTAGAGCTGTCTTGTGCGCCCGCAGGATTGACCTGTGTGTAAGTCCCAATAAACTCACCTACTCA TCAA ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG</pre>
Restriction Sites:	Sgfl-MluI
OTI Disclaimer:	Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).
Components:	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
RefSeq:	NM_001136541.2

Summary: 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. [provided by RefSeq, Nov 2008]

Locus ID: 8542

MW: 57