

Product datasheet for SC305277

Apolipoprotein L 5 (APOL5) (NM_030642) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Apolipoprotein L 5 (APOL5) (NM_030642) Human Untagged Clone
Tag:	Tag Free
Symbol:	Apolipoprotein L 5
Synonyms:	APOL-V; APOLV
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC305277 representing NM_030642. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTTGAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
 GATCCGGTACCGAGGAGATCTGCCGCC**CGATCGCC**
 ATGCCATGTGGCAACAAGGAAATTTGCAAGTTCCTGGTTCCAAGGTGTTACCTGGCTTGGGAGAAGGT
 TGTAAGAAATGTGGCTTCGAAAGGTAATCTACGGAGGTGAGGTCTGGGGAAAGTCCCCAGAACCTGAG
 TTCCCCTCACTCGTGAACCTGTGCCAGAGTTGAAAAATTAACAATTTGATGTCAACTGTCCACAGTGAT
 GAGGCTGGTATGCTGTCTACTTTCTGTTGAAGAGCTGATGCGATGTGACAAAGATTCCATGCCAGAT
 GGAATCTGTGAGAGGAGGAAAAATTGTTCTCTCATATTTTCTTTGCACAAGTTGAGCTAGAACAG
 AACATCAAAGAACTTAACACCCTTGCGGACCAAGTTGACACCACTCACGAGTTGCTTACCAAGACCAGC
 CTGGTGGCCAGCTCTTCCGGGGCTGTTTCTGGGGTCATGAACATCCTGGGTTTGGCCCTAGCACCTGTG
 ACAGCAGGAGGCAGTCTCATGCTCTCAGCAACTGGGACAGGGTTGGGGGCAGCAGCTGCCATCACCAAC
 ATAGTAACAAATGTCTTAGAAAAATAGAAGCAATTCAGCAGCAAGAGACAAAGCCAGCCGACTGGGGCCT
 CTGACAACATCACATGAGGCTTTCGGAGGAATAAATTGGTCTGAAATCGAGGCTGCTGGCTTTTGTGTT
 AATAAGTGTGTAAGGCTATCCAGGGCATCAAGGATCTTCATGCCTACCAGATGGCCAAATCCAACCTCT
 GGCTTCATGGCTATGGTCAAGAATTTTGTGGCCAAGAGACATCCCTTTCTGGACGGCTAGAGGGGTG
 CAGAGAGCCTTTGAGGGCACAACCTCTGGCCATGACCAATGGTGCCTGGGTGATGGGTGCTGCTGGGGCT
 GGCTTCTTACTTATGAAAGACATGAGCAGCTTCTGCAGAGCTGGAAGCACCTGGAGGATGGGGCAAGG
 ACGGAGACAGCAGAGGAACTGAGAGCACTTGCTAAGAAGCTGGAGCAGGAGCTGGACCGGCTCACCCAG
 CACCACCGGCACCTGCCGAGAAGGCGAGCCAGACCTGTTCCAGCTCCCGGGGCAGGGCTGTTCCAGGA
 TCCCGTGTGGTTAAACCAGAAGGGTCTCGCTCACCTCTCCCTGGCCTGTTGTGGAGCACCAGCCTAGG
 CTGGGGCCTGGCGTGGCACTGAGGACACCAAGAGGACAGTCTCTGCCCCAAGGATGCTTGGCCACCAG
 CCAGCCCCACCAGCACCAGCAAGAAAGGGGAGACAGGCCCGGGAAGACACCGACAATGA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
 TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC


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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_030642
Insert Size:	1302 bp
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	1. Centrifuge at 5,000xg for 5min. 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. 3. Close the tube and incubate for 10 minutes at room temperature. 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	<u>NM_030642.1</u>
RefSeq Size:	1438 bp
RefSeq ORF:	1302 bp
Locus ID:	80831
UniProt ID:	<u>Q9BWW9</u>
Cytogenetics:	22q12.3
MW:	47 kDa
Gene Summary:	This gene is a member of the apolipoprotein L gene family. The encoded protein is found in the cytoplasm, where it may affect the movement of lipids or allow the binding of lipids to organelles. [provided by RefSeq, Jul 2008]