

Product datasheet for **SC110650**

Apolipoprotein L 4 (APOL4) (NM_030643) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Apolipoprotein L 4 (APOL4) (NM_030643) Human Untagged Clone
Tag:	Tag Free
Symbol:	APOL4
Synonyms:	APOL-IV; APOLIV
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Cell Selection:	None
Fully Sequenced ORF:	>OriGene ORF within SC110650 sequence for NM_030643 edited (data generated by NextGen Sequencing)

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ATGGGATCCTGGGTGCGAGCTCATCACAGCGTCGGGGTGCAGCAAACCATCCAGGCTGG
ACAGTGGCTGGACAGTTCCAAGAAAAGAAACGCTTCACTGAAGAAGTCATTGAATACTTC
CAGAAGAAAGTTAGCCCAGTGCATCTGAAAATCCTGCTGACTAGCGATGAAGCCTGGAAG
AGATTTGTGCGTGTGGCTGAATTGCCAGGGAAGAGGCAGATGCTCTCTATGAAGCTCTG
AAGAATCTTACCCATATGTGGCTATTGAGGACAAAGACATGCAGCAAAAAGAACAGCAG
TTTAGGGAGTGGTTTTTAAAGAGTTTCCTCAAATCAGATGGAAGATTCCAGGAGTCCATA
GAAAGGCTTCGTGTCATTGCAAATGAGATTGAAAAGGTCCACAGAGGCTGCGTCATCGCC
AATGTGGTGTCTGGCTCCACTGGCATCCTGTCTGTCATTGGCGTTATGTTGGCACCATTT
ACAGCAGGGCTGAGCCTGAGCATTACTGCAGCTGGGGTAGGGCTGGGAATAGCATCTGCC
ACGGCTGGGATCGCTCCAGCATCGTGGAGAACACATACACAAGGTCAGCAGAACTCACA
GCCAGCAGGCTGACTGCAACCAGCACTGACCAATTGGAGGCATTAAGGGACATTCTGCAT
GACATCACACCCAATGTGCTTTCTTTTGCACCTTGATTTTGACGAAGCCACAAAAATGATT
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TGGCGATATGTACCTATAAATGTTGTTGAGACACTGAGAACACGTGGGGCCCCACCCGG
ATAGTGAGAAAAGTAGCCCGAACCTGGGCAAGGCCACTTCAGGTGTCCTTGTGTGCTG
GATGTAGTCAACCTTGTGCAAGACTCACTGGACTTGCACAAGGGGCAAAATCCGAGTCT
GCTGAGTCGCTGAGGCAGTGGGCTCAGGAGCTGGAGGAGAATCTCAATGAGCTCACCCAT
ATCCATCAGAGTCTAAAAGCAGGCTAG
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Clone variation with respect to NM_030643.3
659 g=>a



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5' Read Nucleotide Sequence: >OriGene 5' read for NM_030643 unedited
 GTTCAAATTTGTATACGACTCATATAGGCGGCCGCGNAATTCGCACGAGGCAGATCAGCG
 TCTGAGCCAGGCCAACAAATGACCAAGNAGGATGGGATCCTGGGTGCAGCTCATCACAAGC
 GTCGGGGTGCAGCAAAACCATCCAGGCTGGACAGTGGCTGGACAGTTCCAAGAAAAGAAA
 CGCTTCACTGAAGAAGTCATTGAATACTCCAGAAGAAAGTTAGCCCAGTGCATCTGAAA
 ATCCTGCTGACTAGCGATGAAGCCTGGAAGAGATTTGTGCGTGTGGCTGAATTGCCCAGG
 GAAGAGGCAGATGCTCTCTATGAAGCTCTGAAGAATCTTACACCATATGTGGCTATTGAG
 GACAAAGACATGCAGCAAAAAGAACAGCAGTTTAGGGAGTGGTTTTTGAAGTTTCTCA
 AATCAGATGGAAGATTACAGGAGTCCATAGAAAGGCTTCGTGTCATTGCAAATGAGATTGA
 AAAGGTCCACAGAGGCTGCGTCATCGCCAATGTGGTGTCTGGCTCCACTGGCATCCTGTC
 TGTCAATGGCGTTGTGTTGGCACCATTTACAGCAGGGCTGAGCCTGAGCATTACTGCAGC
 TGGGGTAGGGCTGGGAATAGCATCTGCCACGGCTGGGATCGCCTCCAGCATCGTGGAGAA
 CACATACACAAGGTCAGCAGAATCACAGCCAGCAGGCTGACTGCAACCAGCACTGACCA
 ATTTGGAGGCATTAAGGGACATTTCTGCGTGACATCACACCCAATGTGCTNTCTTTTGCAC
 TGATTNTGACGAAGCCACANAAATGATTGCGAATGATGTCCATACACTCANNNAGATCT
 AAGCCACTGTTGGACGCCCTTTTGATGCTGGNCGATATGTACCTATNAATGGNTGNTGAG
 ACACTGAGAACACGTGGGGGCCCCACCCCGGATAGTGAGAAAAGTAGCCCGAACCCCTG
 GCA

3' Read Nucleotide Sequence: >OriGene 3' read for NM_030643 unedited
 CGGCAGCTTTTCTATAGTCGGTTTTTCCCTTTTTTTTTTTTCCACCTTGGCGAGTAGCTA
 AGTTTATTAGGTACTTACACACAGGGCACTCATCAAGACAGCTGGAGAGATCCAGCCTCC
 CCCAATGCCTAAACTGCTTTTCAGTTAATTTTCTGGCTCTTTGTCTACTATGTATGAGCA
 ACGAGACTTTTACTCGGCTGGTTCAGATACTCTCCAGGATGTTTGGATTCTCATAACA
 CCTGTTCTTAGCTGGGCACCATGGTAATGGCTTATTACCCGGCCTTCAGGGTTCAAGCA
 GGGGACATGCACCCTTAAATAACCTAAAGGGGACCTGCGACACTACAACCACCACCACCA
 TTCTGAAGAATCCACTGGCTGACTGAGATACACCCCGGGAGGACAAGGGACAGCGGATG
 CTGGCAAGACAGGGTGAGAGACCCTCCAGGGAAGGATTCCATTCTTGAAGGACATCC
 AACCGGGGGCGGCTCTCTTATTGGACCCGCTGTTTTTTCTTCTGTATTCAACAGTCGCT
 AACTGCGGCTTTCTTCAATTCGAGCTCTTTCTTTTCTGGCCTTCTCGATTGCTTAGTCC
 TACGTGCTCCCTCTCTTCTCCCGCAATATACTCTTAGCCTAGAGTAAACTGCTTCTT
 TTCATTTCCACACTCTTCAGTGCCCTCTCCTCCCTTATTGCAAGCCCCGAGCATTTCTG
 CCTTTTCCCTTGTGCACTTGCCTCTTGAGTAACCCCTCCCTGCTGTGCTCAGCTTCA
 GATGCCAAAGTTTCTTAACCCCTGAGCTTCTAAACTTTACCTCCGCTCTTTTTTTTCCC
 TTATAAATGCCCCGCGCTTTGTCCCGGACTGTGCTTGGCTCACCTCCCGGTGGCCGC
 CCTGCCTCTGGTCTTGTGTATCGGGGACCCTGCCCGCAGGCACGCATCTTACTATCT
 TCCTTAAGTTGCGGCTCGCAAAAAGCCCATCCC

Restriction Sites: NotI-NotI

ACCN: NM_030643

Insert Size: 2820 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).

RefSeq: [NM_030643.3](#), [NP_085146.2](#)

RefSeq Size: 3417 bp

RefSeq ORF: 1047 bp

Locus ID:	80832
UniProt ID:	Q9BPW4
Protein Families:	Transmembrane
Gene Summary:	<p>This gene encodes a member of the apolipoprotein L family. The encoded protein 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. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Sep 2020]</p> <p>Transcript Variant: This variant (a) represents the longer transcript but encodes a shorter isoform (1). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>