

Product datasheet for **SC119117**

Apolipoprotein F (APOF) (NM_001638) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Apolipoprotein F (APOF) (NM_001638) Human Untagged Clone
Tag:	Tag Free
Symbol:	Apolipoprotein F
Synonyms:	Apo-F; LTIP
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC119117 sequence for NM_001638 edited (data generated by NextGen Sequencing)

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ATGACTGGACTGTGTGGTACTCTGCTCCAGACATGCGTGGCCTCAGACTCATCATGATA
CCAGTTGAGCTGCTACTTTGCTACCTCCTGCTGCACCCTGTGGATGCCACTTCATATGGA
AAGCAGACAAATGTCTTGATGCACCTTCCCTTGTCCCTTGAATCCAGACACCCTCCTCA
GACCCCTTGTCTGCAATTTCTGCACCCAAAGTCACTGCCTGGTTTCAGCCACATGGCC
CCTCTACCCAAGTTCTTGGAAGCCTGGCTCTAAGGAATGCCCTGGAGGAAGCTGGTTGT
CAGGCTGATGTTTGGGCTCTACAGCTACAGCTCTACCGCCAGGGTGGTGTGAATGCTACA
CAGGTCTCATCCAGCATCTTCGAGGGCTCCAGAAAGGCAGAAGCACAGAGAGGAACGTG
TCAGTGAAGCCCTGGCCTCTGCTCTGCAGCTGTTAGCCAGGGAGCAGCAAAGCACAGGA
AGGGTCGGGCGCTCCCTCCCAGAGAGGACTGTGAGAATGAGAAGGAGCAAGCTGTGCAC
AATGTAGTCCAGCTGCTGCCAGGAGTGGGAACCTTCTACAACCTGGGCACAGCTTTGAT
TATGCTACTCAAACTGCCTGGGCAAGGCCAGGGAACGAGGCCGAGATGGGGCCATAGAT
CTGGGATATGACCTTCTGATGACCATGGCTGGGATGTCAGGGGGGCTATGGGTCTAGCG
ATCAGTGTGCACTTAAACCTGCATTAAGGTCTGGGGTTCAGCAGTTGATCCAGTATTAC
CAAGATCAGAAAGACGCAAACTCTCTCAGCCGGAGACCACCAAGGAGGGTTTGAGGGCC
ATCTCAGATGTGAGTGACTTGAAGAAACAACACTCTGGCTTCTTTCATATCAGAAGTA
GTAAGTTCAGCTCCCTACTGGGGTGGGCCATAATCAAGAGCTATGACTTAGATCCTGGG
GCTGGGAGTCTTGAGATATAA
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Clone variation with respect to NM_001638.2



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5' Read Nucleotide Sequence:	<p>>OriGene 5' read for NM_001638 unedited</p> <pre>TGGTATTTATGTCATCACGCACTTCACTCNATAGGCGCGGCCGCAATTCGGCACCAGA GGAAAGCGATCAAACCTACCAAGGCAGTCTCACTTCTCAATGACTGGACTGTGTGGGTAC TCTGCTCCAGACATGCGTGGCCTCAGACTCATCATGATACCAGTTGAGCTGCTACTTTGC TACCTCCTGTGCACCCTGTGGATGCCACTTCATATGGAAAGCAGACAAATGTCTTGATG CACTTTCCCTTGTCTTGAATCCCAGACACCCTCCTCAGACCCTTGTCTGCCAATTT CTGCACCCAAAGTCACTGCCTGGTTTCAGCCACATGGCCCTCTACCCAAGTTCTTGTA AGCCTGGCTCTAAGGAATGCCCTGGAGGAAGCTGGTTGTAGGCTGATGTTTGGGCTCTA CAGCTACAGCTCTACCGCAGGGTGGTGTGAATGCTACACAGGTCCTCATCCAGCATCTT CGAGGGCTCCAGAAAGGCAGAAGCACAGAGAGGAACGTGTGAGTGAAGCCCTGGCCTCT GCTCTGCACCTGTAGCCAGGGAGCAGCAAAGCACAGGAAGGTCGGGCGCTCCCCTCCC GACAGAGGACTGTGAGAATGAGAAGGAGCAAGCTGTGCACAATGTAGTCCAGCTGCTGCC AGGAGTGGGAACCTTCTACAACCTGGGCACAGCTTTGTATTATCGCTACTCAAACCTGCC TGGCAAGGCCAGGAACGAGGCCACATGGNGCCACAGATCTGNGATATGACCTTCTGA CGACCATGGCTGNGATGTGAGGGGGCCTATGGGTCTAGCGACCAGCGCTGCACTTAAAC CCTGCCTAAGGTCTGGGTTTTCAGCAGTTGATCCAGTATTACCCAGACCACAAAGACGCAA CATTTCTTAGCCGGAGACACCAGGAAGCTTTCGGGGCCATCTTAGATGGGAGTGACTTGG CAGAACACCTACCTCGC</pre>
3' Read Nucleotide Sequence:	<p>>OriGene 3' read for NM_001638 unedited</p> <pre>TCTGCTTGGACCCGCGGCCGAATCTAGNGATCGGTTTTTTTTTTTTTTTTTTTTTTTTT TTTTTTTTTAAGAAAAACAATTTTTTTTTTATTTTTATTTTTTGGACATGGTCTCGCTCT GTCACCCAGGCTGGAATGCAGCGCGCGATCTCGGCTCGCTGCAGCCTCGACCTCCAGG CTCAGGGGATTCTCCCGCTCAGCTCCAGGTAGTTGGGACTACAAGCGTGCATAAECTC CGCCAGGATAATTTTTGTATTTATTGGGAAAAGACGGGGTTTCGCCATGTTGCCAGGC TGATCTTGAACCTCCTGACCTCAGGGGATCATCCCGCTCAGCCTCTCACAGTGTGGGAT TACAGGCTGAGCCACCGCACCTGGCTAATAGCTATTTATTGAAAGTACTGGGATAAGCA TTTTAGATTCAATGTATCATTTTTAAATTTACAGGGCAACTCATTGAGGTTAAAATCATT TATCTCCTTTAGAAACTTCAAACCTGATCTTAGTTCAAGAAAGAAGTTACTATTCAAGTGA TCACCGAGGCTCTAACAAGTGGAGCCTAGATTCGAAACCAAACCTGTGACTTCAACACC CAAACATTTACGTTCTTACGTTTACTGTACAGCCTTCTCCTGGATAAATCAGATAAAA ATTTTGAAGAAGTATATAGCCTTGTAGGGTAAAGTACAGTTATTAATCCTGGGGTAC CACATTCTTTTATATCTCAAGACTCCCAGCCCCAGGATCTAAGTCATACCTCTTGATTAA TGGCCACCCAGTAGGGAGCCTGACCCTACTACTCCTGAAATAGAAAGAGCCACAAAA GTTGTTTCTTCCAGGCACCTCCATCTGGAAAGGCCCTCAACCTCCTGGTGGGCCCCG GCTGAAAAAGTTCGCGCCTTCTGACCTGGGAAAACGGGGACACCGGGACCCCAACCT TAA</pre>
Restriction Sites:	NotI-NotI
ACCN:	NM_001638
Insert Size:	1870 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).
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: [NM_001638.2](#), [NP_001629.1](#)

RefSeq Size: 1720 bp

RefSeq ORF: 981 bp

Locus ID: 319

UniProt ID: [Q13790](#)

Cytogenetics: 12q13.3

Protein Families: Druggable Genome, Secreted Protein

Gene Summary: The product of this gene is one of the minor apolipoproteins found in plasma. This protein forms complexes with lipoproteins and may be involved in transport and/or esterification of cholesterol. [provided by RefSeq, Jul 2008]