

Product datasheet for **SC320955**

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:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for NM_001638.2
 AGGCAGAACAGGATCAGGAAGCGATCAAACCTACCAAGGCAGTCTCACTTCTCAATGACT
 GGACTGTGTGGTACTCTGCTCCAGACATGCGTGGCCTCAGACTCATCATGATACCAAGTT
 GAGCTGCTACTTTGCTACCTCCTGCTGCACCCTGTGGATGCCACTTCATATGGAAAGCAG
 ACAAATGTCTTGATGCACTTTCCCTTGCCTTGGAAATCCCAGACACCCTCCTCAGACCCC
 TTGTCTGCCAATTTCTGCACCCAAAGTCACTGCCTGGTTTCAGCCACATGGCCCCTCTA
 CCCAAGTTCTTGGTAAGCCTGGCTCTAAGGAATGCCCTGGAGGAAGCTGGTTGTCTCAGGTC
 GATGTTTGGGCTCTACAGCTACAGCTCTACCGCCAGGGTGGTGAATGCTACACAGGTC
 CTCATCCAGCATCTTCGAGGGCTCCAGAAAGGCAGAAGCACAGAGGAACGTGTCAAGT
 GAAGCCCTGGCCTCTGCTCTGCAGCTGTTAGCCAGGGAGCAGAAAGCACAGGAAGGGTC
 GGGCGCTCCCTCCGACAGAGGACTGTGAGAATGAGAAGGAGCAAGCTGTGCACAATGTA
 GTCCAGCTGCTGCCAGGAGTGGGAACCTTCTACAACCTGGGCACAGCTTTGTATTATGCT
 ACTCAAACCTGCCTGGGCAAGGCCAGGGAACGAGGCCGAGATGGGGCCATAGATCTGGGA
 TATGACCTTCTGATGACCATGGTGGGATGTCAGGGGGCCTATGGGTCTAGCGATCAGT
 GCTGCACTTAAACCTGCATTAAGGTCTGGGGTTCAGCAGTTGATCCAGTATTACCAAGAT
 CAGAAAGACGCAAACATCTCTCAGCCGGAGACCACCAAGGAGGGTTTGGGGCCATCTCA
 GATGTGAGTGACTTGAAGAAACAACACTCTGGCTTCTTTCATATCAGAAGTAGTAAGT
 TCAGCTCCCTACTGGGGTGGGCATAATCAAGAGCTATGACTTAGATCTGGGGCTGGG
 AGTCTTGAGATATAAAGAATGTGGTAACCACAGAATTAATACTGACTACCCTGACAA
 GCTATATACATGTCTTCAAAATTTAATCTGATTTATCCAGGAGGAAGGCTGTACAGTAA
 AACGTAAGAACGTAATGTTTGGGTGTTGAAGTACAGGGTTTGGTTTCGAATCTAGGCT
 CCACTTGTAGAGCCTCGGTGATCACTGAATAGTAACTCTTTCTTGAACCTAAGATCAGT
 TTTGAAGTTTCTAAAGGAGATAGAATGATTTTAACTCAATGAGTTGCCCTGTAATTTA
 AAATGATACAATGAATCTAAAATGCTTATCACAGTACTTTCAATAAATAGCTATTAGCCA
 GGTGCGGTGGCTCAGCCTGTAATCCCAGCACTGTGAGAGGCTGAGGCGGGATGATCACC
 TGAGGTACAGGAGTTCAAGATCAGCCTGGGCAACATGGCGAAACCCGCTCTACAATAAA
 TACAAAAAATTATCCTGGCGGAGTTATGCACGCTTGTAGTCCCAACTACCTGGGAGGCTG
 AGGCGGGAGAATCACCTGAGCCTGGGAGGTCGAGGCTGCAGCGAGCCGAGATCGCGCCGC
 TGCATTCCAGCCTGGGTGACAGAGCGAGACCATGTCTCAAAAAAATAAAAAATAAAAAA
 AATTGTTTTACAAAAAATAAAAAAATAAAAAAATAAAAAAATAAAAAAATAAAAAA

- Restriction Sites:** Please inquire
- ACCN:** NM_001638
- 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:	<ol style="list-style-type: none">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]