

Product datasheet for **MC201962**

Apof (NM_133997) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Apof (NM_133997) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Apof
Synonyms:	AI255964
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>BC022795 sequence for NM_133997 GAAACAGGAGCAGGATTGTGGAACACCGAAGCTACCCAGGGACTCTTACTTCTCAATGGCCGGACTGTA TGGGTGCTCAGCTCCTGACATGCATAGCCTCCGACTCATCCTGATGTCAATCCAGCTGCTTTGCTATCTC CTGCTGTGTCCTGTGGATGCCACTTCACACGGAGAGGCAACCAAGTGTCTCTACGGTGCTCCCTCCCTCGA AGTTGGGATACCAGATGCAGACCTCAGACAAGCCCTTGTCTGCCAGATGCTGCTCCCAAGTCCCTGCC TGGCTTCACTTACATGCCCTGTCTCCAAATCCTGGTAGGCCTGGCTCTAAGGAATGCTCTGGAGGCA GCTGGCTGCCAGGCTGAGGTCTGGGCTCTTACGCTTACGCTTTACCGATTAGGAGGTGTGGAGGCTACAC AAGCCCTCATCCACCATCTCCAGGAGCTCCAGAAGAGTGGACACACAGACCGGGAAGTGTCTGTGGATGC CCTGTCTCTGCTCTGCAGCTCTTAGCCTGGGAGCAGCCAGGTCCAAAGAGGGCCAAACGTTTCGATTTC AACACAGACTGCGACAATGATCAGGAACAGAGTGTCCACAATGTGGTTGACCTACTACCAGCAGTAGGCA CCTACTACAACCTAGGCACAGCTTTGTATTACGCCATTAAGAAGTGTCTGACAAGGCCAAGGAACGAGG TCGAGATGGGGCCATAGATCTGGGTTATGATCTCTTGTAGGCCATGGTAGGCGCGTCAGGGGGCCAGCT GGTGCGGTGATCACGGCTGCTCTTAAGCCAGCGATGAAGGCTGGGGTTACGCGGCTGATCCAGTATTATT ATGATGAGAAAGAGGTGACCACCCCTCAGCCAGAGGTGACCACCCATCAGCCAGAGACCGGAAAGGATGC CACCACAGATATCGGTGTTGTGGAAGAAATAGCCATGTCTAATTTTGTGTGAGAAGTTGAAAGTACAAC TCTAACTGGGAGTGGCCTTTATTAAGAAGTATGGTGTCTTGGCGTACAAGAGATAGTAACAAAACACC AATAAGTGGAAAATTCTGACAAGAGAAGTGTAGATGGATGGATGGGTGGTGGATGGTTTGGGATACTGT CATCGCTTGCCAGTAATTTCTTCTTGAACCTTAGATTTTACTACTCTAATGGGGCTGGCTAACTCCAC CTGAACAAGTGATTATAGAAATTAAGGCGTTATCATGAAAAAAAAAAAAAAAAA
Restriction Sites:	RsrII-NotI
ACCN:	NM_133997
Insert Size:	981 bp



[View online »](#)

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:	<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:	<u>BC022795</u> , <u>AAH22795</u>
RefSeq Size:	1245 bp
RefSeq ORF:	981 bp
Locus ID:	103161
UniProt ID:	<u>Q91V80</u>
Cytogenetics:	10 76.5 cM
Gene Summary:	Minor apolipoprotein that associates with LDL. Inhibits cholesteryl ester transfer protein (CETP) activity and appears to be an important regulator of cholesterol transport. Also associates to a lesser degree with VLDL, Apo-AI and Apo-AII.[UniProtKB/Swiss-Prot Function]