

Product datasheet for **SC209803**

Apolipoprotein A V (APOA5) (NM_052968) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	Apolipoprotein A V (APOA5) (NM_052968) Human 3' UTR Clone
Symbol:	APOA5
Synonyms:	APOAV; RAP3
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_052968
Insert Size:	791 bp
Insert Sequence:	>SC209803 3'UTR clone of NM_052968 The sequence shown below is from the reference sequence of NM_052968. The complete sequence of this clone may contain minor differences, such as SNPs. Blue =Stop Codon Red =Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
CAGGGCCACAGCCATCTGGGGGACCCCTGAGGATCTACCTGCCAGGCCATTCCCAGCTCCTTGTCTG
GGGAGCCTTGGCTCTGAGCCTCTAGCATGGTTCAGTCCTTGAAAGTGGCCTGTTGGGTGGAGGTGGAA
GGTCTGTGCAGGACAGGGAGGCCACAAAGGGCTGCTGTCTCCTGCACATCCAGCCTCCTGCGACTC
CCCAATCTGGATGCATTACATCCAGGCTTTGCAAACCCAGCCTCCCAGTGCTCATTTGGGAATGCT
CATGAGTTACTCCATTCAAGGGTGAGGGAGTAGGGAGGGAGAGGCACCATGCATGTGGGTGATTATCTG
CAAGCCTGTTTGCCGTGATGCTGGAAGCCTGTGCCACTACATCCTGGAGTTTGGCTCTAGTCACTTCTG
GCTGCCTGGTGGCCACTGCTACAGCTGGTCCACAGAGAGGAGCACTTGTCTCCCCAGGGCTGCCATGGC
AGCTATCAGGGGAATAGAAGGGGAGAAAGAGAATATCATGGGGAGAACATGTGATGGTGTGTGAATATCC
CTGCTGGCTCTGATGCTGGTGGGTACGAAAGGTGTGGCTGTGATAGGAGAGGGCAGAGCCCATGTTTC
CTGACATAGCTCTACACCTAAATAAGGGACTGAACCTCCCAACTGTGGGAGCTCCTTAAACCTCTGG
GGAGCATACTGTGTGCTCTCCCATCTCCAGCCCTCCCTCTGGGTTCCCAAGTTGAAGCCTAGACTTC
TGGCTCAAATGAAATAGATGTTTATGATAGAA
ACGCGTAAGCGGCCGCGCATCTAGATTGGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
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Restriction Sites: SgfI-MluI



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OTI Disclaimer:	Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).
Components:	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
RefSeq:	<u>NM_052968.5</u>
Summary:	The protein encoded by this gene is an apolipoprotein that plays an important role in regulating the plasma triglyceride levels, a major risk factor for coronary artery disease. It is a component of high density lipoprotein and is highly similar to a rat protein that is upregulated in response to liver injury. Mutations in this gene have been associated with hypertriglyceridemia and hyperlipoproteinemia type 5. This gene is located proximal to the apolipoprotein gene cluster on chromosome 11q23. Alternatively spliced transcript variants encoding the same protein have been identified. [provided by RefSeq, Oct 2009]
Locus ID:	116519
MW:	28.4