

## Product datasheet for RN216493

### Apoa5 (NM\_001277264) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Apoa5 (NM_001277264) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Apoa5
Synonyms:	apo-AV; apoA-V
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN216493 representing NM_001277264 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**GCGATCGCC**

ATGGCTGCCGTCATCACCTGGGCACTCGCCCTCCTCTCAGTGTTGCAACTGTACAGGCGAGGAAGAGCT  
TCTGGGAGTACTTCGGCCAGAACAGCCAGGGCAAAGGCATGATGGCCAGCAGCAGAAGCTGGCACAGGA  
GAGCCTGAAAGGTAGCTTGGAGCAAGACCTCTACAATATGAACAATTTCCTAGAAAAGCTGGGACCCTTG  
AGAGAGCCTGGGAAGGAGCCTCCTCGGCTGGCACAGGATCCAGAAGGCATTTCGGAAGCAGTTGCAGCAAG  
AGCTGGAGGAAGTGAGCACACGCCTGGAGCCCTACATGGCTGCAAAGCACCAGCAGGTTCGCTGGAACCT  
GGAGGGCTTGAGGCAGCAGTTGAAACCCTACACGGTCGAGCTGATGGAGCAGGTAGGCCTGAGCGTGCAG  
GATCTGCAAGAACAGCTGCGCATGGTGGGAAAAGGCACCAAGGCCAGCTCCTGGGGGGCGTGGATGAGG  
CGATGAGCCTGCTGCAGGATATGCAAAGTCGAGTGCTGCACCATACGGACCGAGTCAAAGAACTCTTCCA  
CCCTTATGCAGAACGCTTGGTACTGGAATTGGGCACCATGTGCAGGAGCTGCACCGGAGTGTGCTCCT  
CACGCAGTTGCCAGCCCCGCGAGACTCAGTCGCTGCGTGCAGACCCTGTCCACAAACTCACACGTAAGG  
CGAAGGACTTGCACACCAGCATCCAACGCAACCTAGATCAGTCGCGAGATGAGCTCAGTACCTTCATCCG  
TGTGAGCACAGACGGGGCAGACAACAGAGACTCCCTGGACCCTCAAGCTCTCTGTGACGAGTCCGCCAG  
AGACTCCAGGCTTTTCGACATGACACCTACCTGCAGATCGCTGCATTCACTCAGGCCATTGACCAGGAGA  
CCGAGGAAATCCAGCACCAGCTGGCACCACCCCGCCTAGCCACAGCGCCTTCGCTCCAGAGTTGGGACA  
CTCAGACAGTAATAAGGCCCTGAGCAGACTGCAGAGCCGGCTGGACGACCTCTGGGAAGATATTGCCTAT  
GGCCTTCATGACCAGGGCCATAGTCAGAATAACCTGAGGGTCACTCAGGT**TAA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	SgfI-MluI
ACCN:	NM_001277264



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<b>Insert Size:</b>	1104 bp
<b>OTI Disclaimer:</b>	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).
<b>OTI Annotation:</b>	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_001277264.1</a></u> , <u><a href="#">NP_001264193.1</a></u>
<b>RefSeq Size:</b>	1830 bp
<b>RefSeq ORF:</b>	1104 bp
<b>Locus ID:</b>	140638
<b>UniProt ID:</b>	<u><a href="#">Q9QUH3</a></u>
<b>Cytogenetics:</b>	8q22
<b>Gene Summary:</b>	<p>member of the apolipoprotein family; expression increases during liver regeneration [RGD, Feb 2006]</p> <p>Transcript Variant: This variant (2) differs in the 5' UTR compared to variant 1. Both variants 1 and 2 encode the same protein. 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>