

Product datasheet for RN201366

Apoa5 (NM_080576) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Apoa5 (NM_080576) 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:	>RN201366 representing NM_080576 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGCTGCCGTCATCACCTGGGCACTCGCCCTCCTCTCAGTGTTGCAACTGTACAGGCGAGGAAGAGCT
TCTGGGAGTACTTCGGCCAGAACAGCCAGGGCAAAGGCATGATGGCCAGCAGCAGAAGCTGGCACAGGA
GAGCCTGAAAGGTAGCTTGGAGCAAGACCTCTACAATATGAACAATTTCCTAGAAAAGCTGGGACCCTTG
AGAGAGCCTGGGAAGGAGCCTCCTCGGCTGGCACAGGATCCAGAAGGCATTTCGGAAGCAGTTGCAGCAAG
AGCTGGAGGAAGTGAGCACACGCCTGGAGCCCTACATGGCTGCAAAGCACCAGCAGGTCCGCTGGAACCT
GGAGGGCTTGAGGCAGCAGTTGAAACCCTACACGGTCGAGCTGATGGAGCAGGTAGGCCTGAGCGTGACG
GATCTGCAAGAACAGCTGCGCATGGTGGGAAAAGGCACCAAGGCCAGCTCCTGGGGGGCGTGGATGAGG
CGATGAGCCTGCTGCAGGATATGCAAAGTCGAGTGCTGCACCATACGGACCGAGTCAAAGAACTCTTCCA
CCCTTATGCAGAACGCTTGGTACTGGAATTGGGCACCATGTGCAGGAGCTGCACCGGAGTGTGCTCCT
CACGCAGTTGCCAGCCCCGCGAGACTCAGTCGCTGCGTGACAGCCCTGTCCACAAAACCTCACACGTAAGG
CGAAGGACTTGACACCAGCATCCAACGCAACCTAGATCAGTCGCGAGATGAGCTCAGTACCTTCCATCCG
TGTCAGCACAGACGGGGCAGACAACAGAGACTCCCTGGACCCTCAAGCTCTCTGACGAGGTCCGCCAG
AGACTCCAGGCTTTTCGACATGACACCTACCTGCAGATCGCTGCATTCACTCAGGCCATTGACCAGGAGA
CCGAGGAAATCCAGCACCAGCTGGCACCACCCCGCCTAGCCACAGCGCCTTCGCTCCAGAGTTGGGACA
CTCAGACAGTAATAAGGCCCTGAGCAGACTGCAGAGCCGGCTGGACGACCTCTGGGAAGATATTGCCTAT
GGCCTTCATGACCAGGGCCATAGTCAGAATAACCTGAGGGTCACTCAGGT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	SgfI-MluI
ACCN:	NM_080576



Insert Size:	1104 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:	<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>NM_080576.2, NP_542143.1</u>
RefSeq Size:	1870 bp
RefSeq ORF:	1104 bp
Locus ID:	140638
UniProt ID:	<u>Q9QUH3</u>
Cytogenetics:	8q22
Gene Summary:	member of the apolipoprotein family; expression increases during liver regeneration [RGD, Feb 2006] Transcript Variant: This variant (1) represents the longer transcript. Both variants 1 and 2 encode the same protein.