

Product datasheet for **RN216321**

Apoe (NM_001270683) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Apoe (NM_001270683) Rat Untagged Clone
Tag: Tag Free
Symbol: Apoe
Synonyms: APOEA
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN216321 representing NM_001270683
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

CTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC**GGCGC**
GCCC

ATGAAGGCTCTGTGGGCCCTGCTGTTGGTCCCATTGCTGACAGGATGCCTGGCCGAGGGAGAGCTGGAGG
TGACAGATCAGCTCCCAGGGCAAAGCGACCAACCTGGGAGCAGGCCCTGAACCGCTTCTGGGATTACCT
GCGCTGGGTGCAGACGCTTTCTGACCAGGTCCAGGAAGAGCTGCAGAGCTCCAAGTCACACAGGAACTG
ACGGTACTGATGGAGGACACTATGACGGAAGTAAAGGCATACAAAAGGAGCTGGAGGAACAGCTGGGCC
CAGTGGCCGGAGGAGACACGGGCCAGGCTGGCTAAAGAGGTGCAGGCGGCACAGGCCCGTCTGGGAGCTGA
CATGGAGGATCTACGCAACCGACTCGGGCAGTACCGCAACGAGGTAAACACCATGCTGGGCCAGAGCACA
GAGGAGCTGCGGTGCGCCTCTCCACACACCTGCGCAAGATGCGCAAGCGCCTGATGCGGGATGCGGATG
ATCTGCAGAAGCGCCTGGCGGTGTACAAGGCCGGGGCACAGGAGGGCGCCGAGCGCGGTGTGAGTGCTAT
CCGTGAGCGCCTGGGGCCACTGGTGGAGCAGGGTCGTGAGCGCACAGCCAACCTAGGCGCTGGCCGCC
CAGCCCCTGCGGATCGCGCCAGGCTTTGAGTGACCGCATCCGAGGGCGGCTGGAGGAAGTGGCAACC
AGGCCGAGACCGCCTAGAGGAGGTGCGTGAGCAGATGGAGGAGGTGCGCTCCAAGATGGAGGAGCAGAC
CCAGCAGATACGCCTGCAGGCCGAGATCTTCCAGGCCCGCATCAAGGGCTGGTTTCGAGCCGCTAGTGGAA
GACATGCAGCGCCAGTGGGCAAACCTAATGGAGAAGATACAGGCCTCTGTGGCTACCAACTCCATTGCCT
CCACCACAGTGCCCTGGAGAATCAATGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: AscI-MluI
ACCN: NM_001270683
Insert Size: 939 bp



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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:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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_001270683.1 , NP_001257612.1
RefSeq Size:	1178 bp
RefSeq ORF:	939 bp
Locus ID:	25728
UniProt ID:	P02650
Cytogenetics:	1q21
Gene Summary:	plays a role in plasma lipoprotein transport [RGD, Feb 2006] Transcript Variant: This variant (4) differs in the 5' UTR compared to variant 1. All five variants 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.