

Product datasheet for **RN203408**

Apoe (NM_138828) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Apoe (NM_138828) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Apoe
Synonyms:	APOEA
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN203408 representing NM_138828 Red=Cloning site Blue=ORF Orange=Stop codon

CTATAGGGCGCCGGGAATTCGTGCGACTGGATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCCGGCGC
GCC

ATGAAGGCTCTGTGGCCCTGCTGTTGGTCCCATTGCTGACAGGATGCCTGGCCGAGGGAGAGCTGGAGG
TGACAGATCAGCTCCAGGGCAAAGCGACCAACCTGGGAGCAGGCCCTGAACCGCTTCTGGGATTACCT
GCGCTGGGTGCAGACGCTTTCTGACCAGGTCCAGGAAGAGCTGCAGAGCTCCCAAGTCACACAGGAACTG
ACGGTACTGATGGAGGACACTATGACGGAAGTAAAGGCATACAAAAGGAGCTGGAGGAACAGCTGGGCC
CAGTGGCCGAGGAGACACGGGCCAGGCTGGCTAAAGAGGTGCAGGCGGCACAGGCCCGTCTGGGAGCTGA
CATGGAGGATCTACGCAACCGACTCGGGCAGTACCGCAACGAGGTAACACCATGCTGGCCAGAGCACA
GAGGAGCTGCGGTCGCGCCTCTCCACACACCTGCGCAAGATGCGCAAGCGCCTGATGCGGGATGCGGATG
ATCTGAGAAGCGCCTGGCGGTGTACAAGGCCGGGCACAGGAGGGCGCCGAGCGCGGTGTGAGTGCTAT
CCGTGAGCGCCTGGGGCCACTGGTGGAGCAGGGTCGTGAGCGCACAGCCAACCTAGGCGCTGGCCGCC
CAGCCCCGCGCATCGCGCCAGGCTTTGAGTGACCGCATCCGAGGGCGGCTGGAGGAAGTGGCAACC
AGCCCCGAGACCGCTAGAGGAGGTGCGTGAGCAGATGGAGGAGGTGCGTCCAAGATGGAGGAGCAGAC
CCAGCAGATACGCTGCAGGCCGAGATCTTCCAGGCCCGCATCAAGGGCTGGTTCCGAGCCGCTAGTGGAA
GACATGCAGCGCCAGTGGGCAAACCTAATGGAGAAGATACAGGCCCTGTGGCTACCAACTCCATTGCCCT
CCACCACAGTGCCCTGGAGAATCAATGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Chromatograms: https://cdn.origene.com/chromatograms/ja1663_e06.zip

Restriction Sites: Ascl-Mlul



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ACCN:	NM_138828
Insert Size:	939 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:	NM_138828.2 , NP_620183.2
RefSeq Size:	1172 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 (2) differs in the 5' UTR compared to variant 1. All five variants encode the same protein.