

Product datasheet for **RN200599**

Apex1 (NM_024148) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Apex1 (NM_024148) Rat Untagged Clone
Tag: Tag Free
Symbol: Apex1
Synonyms: APE; Apex; REF-1
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN200599 representing NM_024148
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGC**C

ATGCCGAAGCGGGGAAGAGAGCGGCAGCGGAAGACGGGAAGAACCCAAGTCCGAGCCAGAGACCAAGA
 AGAGTAAGGGGGCAGCAAAGAAAAGTGAAGGAGGCCCGCAGGAGAGGGCCCTGTCTGTATGAGGACCC
 TCCAGATCAGAAAACGTAGCCAGTGGCAAATCTGCCACACTCAAGATATGCTCCTGGAATGTGGATGGG
 CTTGAGCCTGGATTAAGAAAGGCTTGGATTGGGTAAGGAAGAAGCACCAGACATCTGTGCCTCC
 AAGAGACCAAATGCTCAGAGAACAACCTCCCGGCTGAACTGCAAGAGCTGCCTGGACTCACCCATCAGTA
 CTGGTCAGCTCCATCAGACAAAGAAGGATATAGTGGTGTGGGCCTACTTCCCGCAATGCCCGCTCAAA
 GTCTCTTATGGCATTGGTGAGGAAGAACATGATCAAGAAGGCCGGGTGATTGTGGCTGAATTTGAGTCCT
 TTATCTTGGTAACAGCCTATGTTCCGAACGCAGGAAGGGGTCTGGTAAGACTGGAGTACCGACAGCGATG
 GGATGAAGCCTTCAGAAAGTTTCTAAAGGACTTGGCTTCCCGAAACCTTGTGCTGTGTGGGGATCTC
 AATGTGGCTCATGAAGAAATAGACCTTCGTAACCCCAAAGGAAACAAAAGAATGCTGGTTTTACTCCCC
 AGGAGCGCCAAGGCTTTGGGAAATGCTACAGGCTGTACCAGTGGCTGACAGCTTCCGGCATCTACCC
 CAACACTGCCTACGCTTATACTTCTGGACTTACATGATGAATGCCCGCTCTAAGAATGTTGGTTGGCGC
 CTTGATTACTTTTTGCTGTCTCACTCTCTTTTACCTGCTTTGTGCGACAGCAAGATCCGGTCCAAGGCTC
 TTGGCAGTGACCACTGTCCCATCACCTTTACCTAGCACT**GTA**

ACGCGTACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_024148
Insert Size: 954 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).
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_024148.1 , NP_077062.1
RefSeq Size:	1213 bp
RefSeq ORF:	954 bp
Locus ID:	79116
UniProt ID:	P43138
Cytogenetics:	15p14
Gene Summary:	may play roles in DNA repair and in redox homeostasis; regulates Pax8 transcription [RGD, Feb 2006]