

Product datasheet for **RN202845**

Apex2 (NM_001079892) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Apex2 (NM_001079892) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Apex2
Synonyms:	MGC156784
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF:	>RN202845 representing NM_001079892 Red=Cloning site Blue=ORF Orange=Stop codon TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC GCCCGCATCGCC ATGCTGCGTGTGGTAAGCTGGAACATCAATGGGATCCGGAGTCCCCTGCAAGGGCTTGGGGCCAGGAAC CGAGCAACAGTCCCACGGCCTTGCACGCGTTTTGGACGAGCTGGATGCTGATATTGTCTGTCTCCAGGA GACCAAAGTAACCAGAGATGTAAGTACGAGACCTCTGGCTATTGTTGAGGGTTATAACTCCTATTTTCAGC TTCAGCCGACGCGTAGTGGCTATTCTGGTGTGGCTACCTTTTGAAGGACAGTGTACCCAGTAGCTG CTGAAGAAGGTCTGAGTGGTGTGTTGCTACCTAAATGGGGATATTGGTTGCTATGAAACACGGACGA GTTACGCAAGAAGAAGTCCGGGTTCTGGATAGTGAAGGCGGGCCTTCCTTACACAGCACAAGATCCGC ACATTGGAAGGGAAGGAGAAGACCTTGACTCTGATCAATGTGTACTGCCCTCACGCGGATCCTGGGAAGC CTGAGCGGCTGACCTTTAAGATGCGCTTCTATCGCCTGCTGCAGATCCGAGCAGAAGCACTCCTGGCAGC TGGCAGTCATGTGATAATCCTGGGGACCTGAATACAGCCACCACCATTGACCACTGTGATGCAAGT AGTCTGGAATGCTTTGAAGAGGACCCAGGGCGTAAGTGGATGGATGGCTTGTCTAGTAACCCAGGGAATG AGGCTGGACCCACATAGGGCACTTCATGGATAGTTTCCGCTACTTCCATCCAAAACAGCAGAGGGCTTT CACCTGCTGGTCAAGTGGTCAAGTGGGACGACCTCAACTATGGCTCTCGACTTGATTATGTCCTGGGA GATAGGAGCTTGGTCAATAGATACCTTCCAGGCTCCTTTCTACTCCCTGAAGTGTGGGCTCTGACCACT GCCCGTGGGAGCTGTCTTAAATGTATCCTGTGTGCCAGAAAACAGTGGCCAGCTCTGTGTACCCGCTT CCTCCCTGAGTTTGCAGTACCCAGCTCAAGATTCTTCGCTTCTAGTTCTCTTGAACAAGAACCTGTG AAGGAACAGCCAGTCTGCAGCCAGTCATCAAATCCAGGCACAGAAAACAGCAAGCAAGCCCGCATAAC ATCAACCAGGCTTCGGAAAACCAAGGTGTCCCAAAAAGAAACAGAAAAGCCTGATGAGTTACTTCCA GCCTTCTCTAACTTTCCAAAACCTTCTGATGTAGAAGTGCCTACCCTGCCTCTGGTGAAGCCTCTTACA AGCACAAGACTGCAGAAGAGGTGGCAATGGCCACAGTGGTAAAAGAGAAGAACAAGTTCCAGAGGCCA AAGATGAGAAGGAAGTAAGGACTGCCTTCTGGAAGTCTATGCTGAGTGGGCCCTCACCAATGCCCTCTG TGGAGGCCACAGGAGCCATGTGTAATGCGTACTGTAAAAAAGCAGGACCCAACTTTGGCCGCAATTTCT TATATGTGTGCTAGACCCGAGGTCTCCAGTGACCCCTCTCCGCTGTAAGTTCTTCTCTGGAGTA GGCCAGCTGA AGCGGACCGACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC TGGATTACAAGGATGACGACGATAAGGTTTAA
Restriction Sites:	Sgfl-RsrII
ACCN:	NM_001079892
Insert Size:	1551 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:

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_001079892.1](#), [NP_001073361.1](#)

RefSeq Size: 1878 bp

RefSeq ORF: 1551 bp

Locus ID: 317628

Cytogenetics: Xq13