

Product datasheet for **RN214266**

Api5 (NM_001127379) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Api5 (NM_001127379) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Api5
Synonyms:	MGC187857
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN214266 representing NM_001127379
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGCCACGGTGGAGGAGCTGTACGCCAACTACGGCATCCTCGCCGATGCCACGGAGCAAGTGGCCAGC
 ATAAAGATGCCTACCAAGTGATATTGGATGGTGTAAAGGCGGGACCAAGGAAAAGCGATTAGCAGCTCA
 GTTTATACCAAAATCTTTAAGCATTTCAGAGCTGGCTGATTCTGCTATCAACGCACAGTTAGACCTC
 TGTGAGGATGAAGATGTGTCAATACGACGCCAAGCAATTAAGAAGTGCCTCAGTTTGCCACAGGAGAAA
 ACCTTCGCGAGTAGCAGATATACTGACCCAGCTTCTGCAGACAGATGACTCTGCAGAATTTAATTGGT
 GAACAATGCTCTGTTAAGTATATTTAAGATGGACGCAAAAGAACATTAGGTGGCTTGTTCAGCAGATT
 CTTCAAGGAGAAGACATTGTTAGAGAACGAGCAATTAATTCCTGTCCACAAAACCAAGACGCTCCAG
 ATGAAGTGTTAACTAAGGAAGTAGAGGAGCTCATACTACCGAGTCCAAAAGGCTCTAGAAGATGTGAC
 TGGTGAAGAGTTGTTTTGTTTCATGAAGATCCTGTCTGGGTTAAAAGCTTGCAGACAGTGAAGGAGG
 CAGCAGCTGGTAGAGCTGGTGGCAGAACAGGCTGACCTGGAGCAGACCTCAGCCCTCAGACCCTGACT
 GCGTGGACAGGCTGCTGCAGTGCCTCGCAGGCTGTGCCTCTCTCTCTAAAAATGTTCTTCTACAAG
 ATTTGTGACATATTTCTGTGAGCAGGCTCCCTAATCTCAGTACCCTAACTACCCAGTGGAAAGTCTG
 GATATACAGTTGGAGGTATTAAGTTGTTGGCAGAGATGAGTTCATTTTGTGGTACATGGAAAACTAG
 AAACAAATTTAAGAAAAGTGTGGATAAGTTATTGGAGTATATGCCTCTCCCTCCAGAAGAAGCAGAAAA
 TGGAGAGAACGCTGGGAATGAAGAGCCCAAGCTACAGTTCAGTTATGTGGAGTGCATTATATAGTTTT
 CATCAGTTGGGCCGAAAAGTCCGGACTTCCTAACAGCCAACTGAATGCAGAAAAGCTCAAAGATTTCA
 AAATTAGGTTGCAGTACTTTGCACGGGGCTTCAGGTTTATATCAGACAACCTCGATTGGCTCTCCAGG
 TAAAACAGGCGAGGCCTTAAAAACAGAGGAGAACAAGATAAAAGTTGTTGCATTGAAAATAACAAACAAT
 ATCAATGTTTTAATCAAGGATCTTTTCACATTCTCCTCTTATAAGAGCACGGTAACATTGTCCTGGA
 AACCTGTACAGAAAGTTGAGATTGGGCAAAAGAGAACCAGTGAAGATACAAGTTCAGTTTACCACCTAA
 GAAATCTCCAGGAGGACCAAAAAGGGATGCCAGACAGATTTACAATCCTCCTAGTGGGAAGTACAGCAGC
 AATTTGGCAACTTTAATTATGAGAGGAGCCTTCAGGGGAAGTAG

ACGCGTACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI

ACCN: NM_001127379

Insert Size: 1515 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_001127379.1](#), [NP_001120851.1](#)

RefSeq Size: 3623 bp

RefSeq ORF: 1515 bp

Locus ID: 362170

Cytogenetics: 3q31