

Product datasheet for **RN203078**

Clk1 (NM_001106913) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Clk1 (NM_001106913) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Clk1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN203078 representing NM_001106913
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAGACATTCAAAGAGAACTTACTGTCCTGACTGGGATGAAAGAGATTGGGATTATGGAACATGGAGAA
 GCAGCAGCAGTCATAAAGAAGGAAGAGATCACATAGCAGTGCCCGTGATTATAAGCGATGCAAATACAA
 TCACTCCAAAACAACGGACAGCTATTATCTGGAAGTAGATCCATACATGAGAAAGCCTATCACAGCCGA
 CGCTATGTTGATGAATACAGGAATGACTACATGACCTACGAGCCAGGGTATCCCTATGGAGAACCTGGAA
 GCAGATACCAGAATCATAGTAGCAAGTCTCTGGTAGGAGTGGAAGAAGCAGTTACAAAAGCAAACATAG
 GAGTCACCACCACACGTACATCGTCGTTACATGGGAAGAGTACCGAAGGAAAAGATCGAGGAGTGTA
 GAGGATGATGAGGAGGGTACCTGATCTGTCAGAGTGGAGACGTACTAAGTGCAAGATATGAAATTTGTTG
 ATACTTTAGTGAAAGTGCTTTTGGAAAAGTGGTGGAGTGTATCGATCATAAAGTGGGAGGTAGACATGT
 AGCGGTAAAAATAGTTAAAAATGTGGATAGATACTGTGAAGCTGCTCAATCGGAAATACAAGTTTTGGAA
 CACTTAAATGCAACAGACCCCATAGTACTTTCGGTTGTGTCCAGATGTTGGAATGGTTTGAGCACCAGG
 GTCACATTTGCATTGTGTTTGAACCTTCTGGGGCTTAGTACTTACGATTTCAATTAAGGAAAACAGCTTTCT
 GCCGTTTCGAATGGATCATATCAGGAAGATGGCATATCAAATATGCAAATCTGTAACCTTTTTGCATAGT
 AATAAATTGACTCACACAGACTTGAAGCCTGAAAACATCTTATTTGTGAAGTCTGACTACACAGAGGCTT
 ATAATCCCAAAATGAAACGTGATGAACGCACTATAGTAAATCCCGATATTAAGTGGTGGACTTTGGGAG
 TGCAACATATGATGACGAACATCACAGCACATTGGTATCTACAAGACATTACAGAGCACCAGAAGTCATT
 CTAGCCCTAGGGTGGTCAACAACATGTGATGTCTGGAGTATAGGATGATTCTTATCGAGTATTATCTTG
 GATTTACAGTTTTTCCGACTCATGATAGCAGGGAACATTTAGCAATGATGGAAGGATTCTTGGACCACT
 GCCAAAGCACATGATTGAGAAAACCAGGAAACGCACATACTTCCATCACGATCGATTGGATTGGGATGAG
 CACAGTCTGCTGGCAGATATGTTTCTCGGCGCTGTAAGCCTCTGAAGGAGTTTATGCTGTCTCAGGATG
 CCGAGCATGAGCTTCTCTTTGACCTCATTGGGAAAATGTTGGAGTATGATCCAGCCAAAAGAATCACTCT
 CAAAGAAGCCCTAAAGCATCCTTTCTTTTACCCGCTTAAAAAGCATACA**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001106913

Insert Size: 1452 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_001106913.2](#), [NP_001100383.2](#)
RefSeq Size: 1791 bp
RefSeq ORF: 1452 bp
Locus ID: 301434
Cytogenetics: 9q31