

Product datasheet for **RN212015**

Clk2 (NM_001014254) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Clk2 (NM_001014254) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Clk2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN212015 representing NM_001014254
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCCTCATCCCCGAAGGTACCATTCTCAGAGAGAGGTAGCCGGGAAGTTACCACGAGCACTATCGGA
 GCCGAAAACATAAGCGAAGAAGAAGTCGCTCCTGGTCAAGTACCAGTGACCGGACAAGGCCGGCGGGAG
 GGAGGATAGCTACCATGTTTCGGTCTCGAAGCAGCTATGACGATCATTCTGACCGCGGCTATACGAT
 CGACGATACTGTGGCAGCTACAGGCGCAATGACTACAGCCGGGATAGAGGAGAGGCCACTATGACACAG
 ACTTTTCGGCATTCTATGAATACCATCGAGAGAACAGCAGTTACCGAAGCCAGCGCAGCAGCCGCCGGAA
 ACCCAGACGGCGGAGAAGACGTAGCAGAACATTACGCCACTCATCTTACAGCACAGCAGCCGGAGAGCC
 AAGAGTGTAGAGGACGACGCTGAGGGCCACCTCATCTACCACGTCGGGGACTGGTACAAGAGCGATATG
 AAATTGTAAGCACCTTAGGAGAAGGGACCTTTGGCCGAGTTGTACAGTGTGTGGACCATCGCAGGGGCGG
 AGCACGAGTTGCCCTGAAGATCATTAAAGATGTGGAGAAGTACAAGGAGGCCGCTCGACTAGAAATCAAC
 GTGCTGGAGAAAATCAATGAGAAAAGATCCTGACAACAAGAACCTCTGTGTCCAGATGTTTACTGGTTTG
 ACTACCATGGCCACATGTGTATCTCCTTTGAGCTTCTGGGCTTAGCACCTTCGATTTTCTCAAAGACAA
 CAACTACCTGCCCTACCCATCCACCAAGTGCGCCACATGGCCTTCCAGCTCTGCCAGGCCGTCAAGTTC
 CTCCATGATAACAAGTTGACACATACGGACCTCAAACCTGAAAATATTCTGTTTGTGAATTCAGACTACG
 AACTCACCTACAATCTAGAGAAGAAACGAGATGAACGCAGTGTGAAGAGCACAGCTGTGCGGGTGGTGA
 CTTCCGGCAGTGCCACCTTTGACCATGAGCACCATAGCACCATTGTCTCCACTCGCCATTACCGAGCCCCA
 GAAGTCATCCTGGAGTTGGGCTGGTACAGCCGTCGACGTGTGGAGCATAGGCTGTATCATCTTCGAGT
 ACTACGTCGGCTTACCCTTCCAGACCCATGACAACAGAGAGCATCTAGCCATGATGGAAAGGATCCT
 GGGTCCTGTCCCCTCTCGGATGATCAGAAAGACAAGAAAACAGAAATATTTTTATCGGGGTCGCCTGGAT
 TGGGATGAGAACCCTCAGCTGGGCGCTACGTCCGTGAGAACTGCAAACCACTACGGCGGTATCTGACCT
 CAGAGGCAGAGGACCACCACAGCTCTTCGATCTGATTGAAAACATGCTTGAATGAACTGCTAAGCG
 GCTGACCTTAGGTGAAGCCCTTACGACCCTTTCTTCGCCTGCCTTCGGACTGAGCCACCCAACACCAAG
 TTGTGGGACTCCAGTCGGGATATCAGTCGGTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001014254
- Insert Size:** 1503 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_001014254.1](#), [NP_001014276.1](#)

RefSeq Size: 2136 bp

RefSeq ORF: 1503 bp

Locus ID: 365842

Cytogenetics: 2q34