

Product datasheet for **RN205201**

Clk3 (NM_134340) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Clk3 (NM_134340) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Clk3
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN205201 representing NM_134340
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGCATCACTGTAAGCGATACCGTTCCCCAGAGCCAGACCATACCTGAGCTACCGCTGGAAGAGGAGGC
 GGTCTTACAGTCGGGAGCATGAAGGTCGACTACGATACCCATCCCGAAGGGAGCCTCCCCACGGAGATC
 AAGGTCCAGAAGCCATGATCGTATACCCTACCAGAGGAGGTACCGGGAACACCGAGACAGCGATACATAT
 CGGTGTGAAGAGCGGAGCCCATCCTTTGGAGAGGACTGCTATGGGTCTTCACGTTCTCGACATCGGAGAC
 GGTACAGAGAGGGGGCCGTACCGTACACGCAAGCATGCCACCCTGTCAAAACGTCGTACCAGGTC
 TTGTAGCAGCGCCTCCTCGAGAAGCCAACAGAGCAGTAAGCGCAGCAGCCGGAGTGTGGAAGATGACAAG
 GAGGGCCACCTGGTGTGCCGGATCGCGATTGGCTCCAAGAGCGATATGAGATCGTGGGGAACCTGGGTG
 AAGGCACCTTTGGCAAGGTGGTGGAGTGTGGACCATGCCAGAGGGAAGTCACAGGTTGCCCTGAAGAT
 CATCCGTAATGTGGCAAGTACCGGGAAGCTGCTCGTCTAGAAATTAATGTTCTCAAGAAAATCAAGGAG
 AAAGACAAAGAAAATAAGTTCCTTTGTGTCTGATGTCTGACTGGTTCAACTTCCATGGTCATATGTGTA
 TCGCCTTTGAGCTCCTGGCAAGAACACCTTTGAGTTCCTGAAGGAGAACAACCTCCAGCCTTATCCCTT
 ACCACATGTCCGGCAGATGGCCTACCAGCTCTGTATGCCCTTAGATTTCTACATGAGAACCAGCTGACC
 CACACAGACTTGAAGCCAGAGAACATCTTGTGGTGAATTCTGAGTTTGAACCCCTACAAATGAGCACA
 AGAGCTGCGAGGAGAAGTCAGTGAAGAACCAGCATCCGAGTGGCAGACTTTGGCAGTCCACATTTGA
 CCATGAACATCACACCACATTGTGCCACCCGGCATTACCGCCACCTGAGGTGATCCTTGAGCTGGGC
 TGGGCACAGCCCTGTGATGTCTGGAGTATCGGCTGCATTCTTTGAGTACTACCGTGGCTTTACACTCT
 TCCAGACCATGAAAACAGAGAACAACCTTGGTTATGATGGAGAAGATCCTAGGACCATCCATCACACAT
 GATCCACCGTACCAGGAAGCAGAAGTATTCTACAAGGGGGCCTGGTTTGGGATGAGAACAGCTCTGAC
 GGGCGGTATGTGAAGGAGAACTGCAACCTCTGAAGATTACATGCTCCAGGACTCCCTGGAGCATGTGC
 AGCTGTTTGACCTGATGAGGAGGATGTTAGAGTTCGACCCGCTCTCAGCGCATCACACTGGCAGAAGCTTT
 GCTGCACCCCTTCTTTGCTGGCCTGACCCTGAGGAGCGGTCTTCCACAGCAGCCGTAACCCAGCAGA
 TGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_134340
- Insert Size:** 1473 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_134340.1](#), [NP_599167.1](#)

RefSeq Size: 1759 bp

RefSeq ORF: 1473 bp

Locus ID: 171305

UniProt ID: [Q63117](#)

Cytogenetics: 8q24

Gene Summary: has autophosphorylation activity; may play a role in testicular function [RGD, Feb 2006]