

Product datasheet for **RN204976**

Cerk (NM_001134861) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cerk (NM_001134861) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Cerk
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN204976 representing NM_001134861
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGGCGCAATGGGGCGCGGAGCCGCTGCAATCGGTGCTGTGGGTGAAGCAGCAACGCTGTGCCGTCA
 GCTTGGAGCCCGCGGGCTCTGCTACGCTGGTGGCGGAGCCCGAGCCGGGCCCTCGGCGCCGATCC
 CGATGCCTACTCGGTACCAAGTGTGAGAGATCATCGCCGTTGAGGAAAAAGAGTCCACCAGAAAACAGTCC
 TCCAATGGCCGATGGCATAGAATGGAAAATCCGTTTGCATTACAGTCCACTGTGTGAAGCGAGCTCGAC
 ACCACCGCTGGAAGTGGGACGGGTGACCTTCTGGAGCGCCGACGAGCAGCTGTGTCAACTGTGGCTGCA
 GACCTCCGAGAGCTGCTGGAGAACCTGACTTCAAGACCGAAGCATTGTGTTATCAACCTTTT
 GGAGGAAAGGCCAGGCAAGCACATCTATGAAAAAAGTGGCACCTTTGTTACCTTGGCTTCCATCA
 CCACTGAGATCATTAATGAGCATGCCAATCAAGCCAAGGAGACTTTATACGAGATCAACACAGACAG
 CTATGACGGCATCGTGTGTGTTGGTGGGACGGCATGTTACGCGAGGTGCTGCACGGGTAAATGGGAAG
 ACGCAGCAGAGCGCTGGTGTGACCCCAATCACCCCGAGCCGCTGCTGGTCCCAGTACCCTAAGGATCG
 GCATCATCCCGGCAAGGTCCACAGATTGTGTGTCTACTCAACGGTGGGCACAAACGACGAGAGACGTC
 AGCTTTACACATCATTATTGGGGACTCACTGGCTATAGATGTGTCCTCCGTGCACCACAATAGCACGCTA
 CTGCGGTACTCGGTCTCTGCTGGGCTACGGTTTCTACGGGACTTAATCAAGGACAGTAAAAGAAAAC
 GGTGGATGGGCCCTCGTCCGGTATGATTTCTCAGGGTTGAAGGCCCTTCTCTCCATCAGTACTATGAAGG
 GACAGTGCCTTCTCCAGCACAGCACACAGTGGGATCTCCACGAGACCAGAAACCTGCCGGGCTGGG
 TGCTCCGTGTGCAGGCAGAGCAAGCGACAGCTGGAAGAGGAACAGAAGAAAGCCCTGTATGGCCTGGAGA
 ACGCTGAGGAAGTGAAGAGTGGCAAGTGGTATGTGGGAAGTTCCTGGCTATCAACTCCACCAACATGTC
 CTGTGCTTGTCCCGGAGCCCTGGGGCCCTGTCCCATTTGCCCATCTGGGAGATGGGTCTTCTGACCTC
 ATCCTTATCCGGAAATGCTCCAGTTCAACTTCTGAGATTCTCATCCGGCACACCAACAGGAGGATC
 AGTTTGGCTTCACTTTCGTTGAAGTTTATCGAGTCAAGAAATTCAGTTCACATCAAAGCACGTGGAAGA
 TGATGACAATGACTTGAAGGAACTAGAGAAGCAGAAGTTTGGGCAGATCTGCAAGGACAACCCCTTGC
 GCCTGCCAACCTCTAGAAGCTCCTGGAAGTGTGATGGGGAAGTCTGCACAGCCCTGCCATTGAGGTCA
 GGGTCCACTGCCAGCTGGTGCCTCTTGTCTCGGGGATCGAAGAAGAGTCC**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_001134861

Insert Size: 1596 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_001134861.1](#), [NP_001128333.1](#)

RefSeq Size: 4319 bp

RefSeq ORF: 1596 bp

Locus ID: 300129

Cytogenetics: 7q34