

Product datasheet for **RN204891**

Kcna7 (NM_001108914) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Kcna7 (NM_001108914) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Kcna7
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN204891 representing NM_001108914
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCTATTTTTACGCGCGACACCCGGCTGGGGTGGCTGCGGGCTCGGGCCACACGTCCTGTT
 CACCGGTCGCCCCGGCTGTGCGCGCCATGGAGCCACGGTGCCCGCGCCCTGCGGCTGCTGCGAGCGGCT
 GGTGCTCAACGTGGCCGGTTGCGCTTCGAGACCCGCGCGCACGCTCGGCCGCTTCCCGACACGCTG
 CTGGGGACCCGGTGCGCCGAGCCGCTTCTACGACGGCGCGCGCGAGTATTTCTCGACCGACACC
 GGCCAGCTTCGATGCGGTGCTCTACTACTACCAGTCAGGCGCCGGCTGAGACGGCCGGCGCACGTGCC
 CCTCGACGCTTCTCTGGAGGAGGTGCTTCTACGGGCTGGTGCGGCGCGCTGGCGGGCTGCGAGAG
 GATGAGGGCTGCGCCGTGCCCGCGAGCGGCCGCTGCCCCGCGCGCTTTCGCGCCAGCTCTGGCTGC
 TCTTCGAATCCCGAGAGCTCGCAGGCTGCGCGCTGCTCGCCGTGGTCTCCGTGCTCGTCATCCTGGT
 CTCATCGTGGTCTTTGCTGGAGACGCTGCCAGACTTCGCGACGACCGCGATGACCCGGGGCTCGCG
 CCGGTAGCGGCTGCTACTGGCTCGTTCCCTCGCTCGGCTCAATGGCTCCAGTCCCATGCCCGAGCTCCTT
 CCCGACAGCCCTCAACGATCCATTCTTTGTGGTGGAGACCCTGTGTATCTGCTGTTCTCCTTTGAGCT
 GCTGGTGCCTGCGCGCGTGTCCAAGCAAAGCTGTATTTTTCAAGAATGTGATGAACCTTATTGACTTC
 GTGGCCATCCTGCCTTACTTTGTGGCCCTGGGCACAGAGTTAGCCCGTACGCGGGCGTGGGCCAGCCAG
 CTATGTCCTGGCCATCCTAAGGGTCATCAGATTGGTGCCTGTTTTCCGCATCTTCAAGCTATCCAGGCA
 TTCGAAGGGCTCGAGATCTTGGGGCAGACACTGCGGGCTCCATGCGAGAGCTAGGTCTCCTCATCTTC
 TTCCTTTCATCGCGTGGTCTCTTTCCAGCGCAGTCTACTTTGCTGAAGTGGACCGGGCGGACACCC
 ATTTACCAGCATCCCAGAGTCTTTGGTGGCAGTGGTCACCATGACCAGGTCGGCTACGGGGACAT
 GGCACCTGTACCGTGGGTGGCAAGATCGTGGGCTCTCTGTGTGCCATTGCAGGGCTGCTACCATCTCT
 CTGCCGCTGCTGTCATGCTCTCAACTTCAGCTACTTTTACCACCGGGAGACAGAGGGCAAGAGGCGAG
 GGATGTACAGCCATGTGGACACACAGCCCTGCGGTACACTGGAGGGCAAGGCAATGGGGTCTGGTGGG
 CTCTGAGGTGCTGAACCTCTCCACCACTCTGGGCCCTTCTGGGAAACACATGGTGACCGAGGT**GTA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001108914
- Insert Size:** 1470 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_001108914.1](#), [NP_001102384.1](#)
RefSeq Size: 3592 bp
RefSeq ORF: 1470 bp
Locus ID: 365241
Cytogenetics: 1q22