

Product datasheet for **RN200034**

Kcnk18 (NM_001134912) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Kcnk18 (NM_001134912) Rat Untagged Clone
Tag: Tag Free
Symbol: Kcnk18
Synonyms: Tresk-2
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN200034 representing NM_001134912
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAGGCTGAGGAGCCACCTGAAGCCAGAAGACGCTGTCCCGAGGCCCTGGGAAGGCCAGCGGATGCT
 GCCCTGAGGCCCGGGGAAGGCCAGAGGATGCTGTCTGAGGCCCTGGGCAAGCTTCTGCCCGCCCTCTG
 CTTCTTTGCTGCCTGGTAACCTATGCGCTGGTGGTGTCTCTTTCTCCGCTGTCGAGGGCCGCCCT
 GACCCAGAAGCAGAGGAGAACCCTGAGTTGAAGAAGTTCCCTGGACAAGCTGTGCAACATCCCTGAAATGCA
 ACCTGACAGGTTATGGCCACATGTACCCCGTCACCAGGCTGGGTAAGTTCCTGTGCATGCTATATGCACT
 CTTTGGAAATCCCTTAAATGTTTCTGGTCCCTCACAGACATCGGGGACATCCCTGGCCGCATCTTATCTAGG
 GCTTACAGCCGGTCCAGGCTCTCCTTTGCCTCCCCGAGATATCTCAAGTGGCGCCCCCTTCTGCTAT
 GCCGGAAGCAGACTGACAGCAAACCCGAGATGAAGCCATCCCTCAGATTGTCATTGATGCTGGTGCAGA
 CGAGCTCCTAGACCCACAGCCAGCAGGGAGCCTGCATCTCTAGCTGCAATGTGGAGCTGTTTGGAGAGA
 TTGGTTGCTCGAGAGAAACAGAACGAGCTACAACCACCCATGCGCCGGTCGAGAGGAGCAACTCGTGTC
 CCGAGCTGGTGTGGGGCGGCTGTCTTCTATTCTTAGCAATCTGGATGAAGTGGGCGAGCAAGTGA
 GAGGCTGGACATCCCTCTCCCCGTCATCGCGCTGGTTCATCTTCGCGTACATCTCCTGTGCAGCTGCTATC
 CTGCCCTTCTGGGAGACCGACCTAGGCTTCGAGGATGCCTTCTACTTCTGCTTTGTGACTGACCA
 TTGGGTTCCGGGACATCGTGTAGTGCACCCTCACTTCTTCTCTTCTCCATCTACATCATCGTGGG
 CATGGAGATCCTGTTTCATCGCCTTCAAAGTATGCAGAACCGGCTCCTGCACACCTACAAAACCTCATG
 CTGTTTGTGGCAAAGAGAGGTTTCGCTACCTTGCTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001134912



Insert Size:	1089 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:	<ol style="list-style-type: none">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:	<u>NM_001134912.1, NP_001128384.1</u>
RefSeq Size:	1200 bp
RefSeq ORF:	1089 bp
Locus ID:	445371
Cytogenetics:	1q55
Gene Summary:	mouse homolog induces a time-independent, noninactivating K ⁺ current [RGD, Feb 2006]