

## Product datasheet for RN213553

### Kcnk16 (NM\_001109520) Rat Untagged Clone

#### Product data:

Product Type: Expression Plasmids  
 Product Name: Kcnk16 (NM\_001109520) Rat Untagged Clone  
 Tag: Tag Free  
 Symbol: Kcnk16  
 Vector: pCMV6-Entry (PS100001)  
 E. coli Selection: Kanamycin (25 ug/mL)  
 Cell Selection: Neomycin  
 Fully Sequenced ORF: >RN213553 representing NM\_001109520  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGCCCGTGCTGGGGTCTGCAGCTGCTGGGGTGGCCAAGTATTGCCCTACTTCTGGCCTATATCTGCT  
 ACCTGCTGCTTGGGGCCACCATCTCCAGCGGCTGGAGAAGCAGGCAGAGGCTCAGTCCAGGGACCAGTT  
 CCAGCTGGAAAACTGCGCTTCTTAGAGAACTACACCTGCCTGGACCAGCAGGCCCTGGAGCAGTTCGTA  
 CAGGTCATCCTGGAAGCCTGGGTGAAAGGTGTGAACCCAAAGGCAACTCCACCAACCCAGCAACTGGG  
 ACTTCGGGAGCAGTTTCTTTTGCAGGCACAGTGGTCACTACCATAGGTTATGGAACCTGGCACCCAG  
 CACGGAGGCAGGGCAGGTCTTCTGTGTCTTCTATGCCCTGATGGGAATCCCACTCAACGTGGTCTTTCTC  
 AACCATCTGGGCACAGGGCTGCGTGCCCATCTGACCACACTGGACAGGTGGGAGGACCACCCAGGCATT  
 CCCAGCTCCTGCAGTCTGGGCTGGCTCTGTTCTGACCTGGGGACCCTGGTATTCTCATCTTCCC  
 GCCATGTTCTTACGCCACGTGGAGGGCTGGAGCTTCCGTGAGGGCTTCTACTTCGCCTTCATCACCTC  
 AGCACCATTGGCTTCGGGACTATGTTGTCCGCACAGACCCAGCAAGCACTACATTGCGGTGTATCGGA  
 GCTTGGCAGCTATATGGATCCTCCTGGGCTGGCGTGGCTGGCAGTGGTCTCAGCTTGGGATCCCTGCT  
 TCTGCACAGGTGCTCCCGCTCTGGCAGCTTATCCGAGGCTGGACGTTAAGGACGGAGCAGCCCGGGC  
 TCTGAGCCAGATCACAGAAAATCCCCTTCTCTGCATGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI  
 ACCN: NM\_001109520  
 Insert Size: 879 bp



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<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u>NM_001109520.1, NP_001102990.1</u>
<b>RefSeq Size:</b>	2314 bp
<b>RefSeq ORF:</b>	879 bp
<b>Locus ID:</b>	688996
<b>Cytogenetics:</b>	15p16