

## Product datasheet for **RR203477**

### **Kcnk15 (NM\_130813) Rat Tagged ORF Clone**

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Kcnk15 (NM\_130813) Rat Tagged ORF Clone  
**Tag:** Myc-DDK  
**Symbol:** Kcnk15  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**ORF Nucleotide Sequence:** >RR203477 representing NM\_130813  
**Red=Cloning site Blue=ORF Green=Tags(s)**

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGAGGAAGCAGAGCGCGCACGGCGGCGCTCATCCTGTGCATCCTGTCCTACCTGCTGGTGGGCGCCG  
CGGTCTTCGATGCTTTGGAGTCGGAGGCGGAGCGCAGCCGGCAGCGACTGCTGGCTCGGAAGCGAGGCGA  
GTTCCGCAGAAAGTACCGCTTCTCCGCCGACGACTACCGCGAGTTGGAGCGCCTGGCGCTGCAGGCGGAG  
CCGCACCGCGCCGCGCCAGTGGCGCTTCGCGGGCTCTTTCTACTTCGCCATCACGGTCAACACCACCA  
TCGGGTATGGCCATGCTGCTCCAGGCACCGACTCGGGCAAAGTGTCTGCATGTTCTATGCCCTCCTGGG  
CATCCCCCTGACTCTGGTTACCTTCCAGAGCCTGGGCGAGCGTCTGAACGCGCTGGTACGGTGTCTGCTG  
CTAGCAGCCAAGCGCTGCCTGGGCTGCGGCGGCCACACGTGTCTGCTGAGAACATGGTGGTGGCTGGGT  
TGCTGCTGTGCGCCGCCACCCTGGCCCTGGGCGCCGCTGCCTTCGCGCACTTCGAGGGCTGGACCTTCTT  
CCACGCCTACTACTGCTTCATCACCTCACCACCATCGGCTTCGGAGACTTCGTGGCGTTGCAGAGA  
GACGAGGCGCTGCAGAAGAAGCCGCCCTACGTAGCCTTCAGCTTCTCTACATCCTGCTGGGCTCACAG  
TCATTGGTGTCTTCTCAACCTGGTGGTCTGCGATTCTTGCCAGCGCTGAGGCCCCAGAGCGCGCAGC  
TCTCCGCCGTGCTAGCGTGTCCGAGGGGGCGCCCGAGAGCCGCTCCGCATCCCTTACCCTTTTCAT  
CCGCTGGAGACCTGGGCCGTGACAACCCGGCCTTCTACCCCTTTGAGCCAGAACGAGTGCATGATT  
GCCACAGCAGCCAGACAGACTCCGGGCCCGGAGGAAGTCCATC

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



[View online »](#)

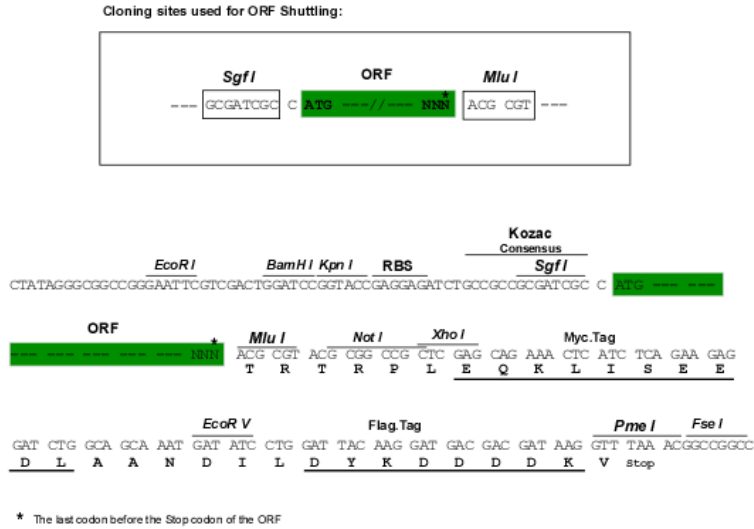
**Protein Sequence:** >RR203477 representing NM\_130813  
Red=Cloning site Green=Tags(s)

MRKQSARTAAALILCILSYLLVGAAVFDALSEAEERSRQRL LARKRGEFRRKYRFSADDYRELERLALQAE  
 PHRAGRQWRFAGSFYFAITVITTI GYGHAAPGTD SGKVFCMFYALLGIPLTLVTFQSLGERLNALVRCLL  
 LAAKRCLGLRRPHVSAENMVVAGLL LCAATLALGAAAF AHFEGWTFHAYYYCFITLTTIGGDFVALQR  
 DEALQKKPPYVAFSFLYILLGLTVIGAFNLV LVRFLASAEAPERAALRRASVFRRGAPESRVRI PYPFH  
 PLETWARDNPAFSPPLSPEAVHDC HSSPDRLRARRKSI

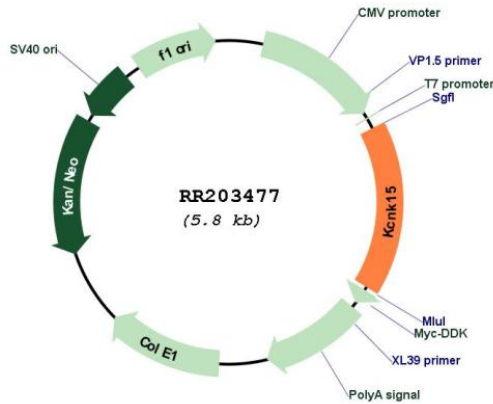
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**Plasmid Map:**



**ACCN:** NM\_130813

<b>ORF Size:</b>	954 bp
<b>OTI Disclaimer:</b>	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. <a href="#">More info</a>
<b>OTI Annotation:</b>	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
<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>	<a href="#">NM_130813.1</a> , <a href="#">NP_570826.1</a>
<b>RefSeq Size:</b>	2400 bp
<b>RefSeq ORF:</b>	957 bp
<b>Locus ID:</b>	156873
<b>UniProt ID:</b>	<a href="#">Q8R5I0</a>
<b>Cytogenetics:</b>	3q42
<b>MW:</b>	35.7 kDa
<b>Gene Summary:</b>	TWIK-related acid-sensitive potassium channel; involved in setting the resting potential of neurons [RGD, Feb 2006]