

Product datasheet for **RN203477**

Kcnk15 (NM_130813) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Kcnk15 (NM_130813) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Kcnk15
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN203477 representing NM_130813 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGAGGAAGCAGAGCGCGCACGGCGGCGCTCATCCTGTGCATCCTGTCCTACCTGCTGGTGGGCGCCG
CGGTCTTCGATGCTTTGGAGTCGGAGGGGAGCGCAGCCGGCAGCGACTGCTGGCTCGGAAGCGAGGCCA
GTTCCGCAGAAAGTACCGCTTCTCCGCCGACACTACCGCAGTTGGAGCGCCTGGCGCTGCAGGCGGAG
CCGCACCGCGCCCGCCAGTGGCGCTTCGCGGGCTCTTTCTACTTCGCCATCACGGTCATCACCA
TCGGGTATGGCCATGCTGCTCCAGGCACCGACTCGGGCAAAGTGTCTGCATGTTCTATGCCCTCCTGGG
CATCCCCCTGACTCTGGTTACCTTCCAGAGCCTGGGCGAGCGTCTGAACGCGCTGGTACGGTGTCTGCTG
CTAGCAGCCAAGCGCTGCCTGGGCTGCGGCGGCCACACGTGTCTGCTGAGAACATGGTGGTGGCTGGGT
TGCTGCTGTGCGCCGCCACCCTGGCCCTGGGCGCCGCTGCCTTCGCGCACTTCGAGGGCTGGACCTTCTT
CCACGCCTACTACTGCTTCATACCCTCACCACATCGGCTTCGGAGACTTCGTGGCGTTGCAGAGA
GACGAGGCGCTGCAGAAGAAGCCGCCCTACGTAGCCTTCAGTTCTCTACATCCTGCTGGGCTCACAG
TCATTGGTGTCTTCTCAACCTGGTGGTCTGCGATTCTTGCCAGCGCTGAGGCCCCAGAGCGCGCAGC
TCTCCGCCGTGCTAGCGTGTCCGAGGGGGCGCCCGAGAGCCGCTCCGCATCCCTTACCCTTTTCAT
CCGCTGGAGACCTGGGCCGTGACAACCCGGCCTTCTACCCCTTTGAGCCAGAAGCAGTGCATGATT
GCCACAGCAGCCAGACAGACTCCGGGCCCGGAGGAAGTCCAT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_130813
Insert Size:	957 bp



[View online »](#)

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_130813.1</u> , <u>NP_570826.1</u>
RefSeq Size:	2400 bp
RefSeq ORF:	957 bp
Locus ID:	156873
UniProt ID:	<u>Q8R5I0</u>
Cytogenetics:	3q42
Gene Summary:	TWIK-related acid-sensitive potassium channel; involved in setting the resting potential of neurons [RGD, Feb 2006]