

Product datasheet for **MC201645**

Kcnk13 (NM_146037) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Kcnk13 (NM_146037) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Kcnk13
Synonyms:	BB085247; F730021E22Rik; Gm1570; Gm1685
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC023443 sequence for NM_146037
 CCGACGCGTGGTCCC GCGGGCAGCAACCCTCGCGGAGCTGTCTCCAGTGCCATGGCTGGCCGCGGTTG
 CCGCTGCAGCCCCGGCCACCTGAACGAGGACAACGCGCGTTCCTGCTGCTCGCTGGGCTCATCCTGCTC
 TACCTGCTGGGCGGCGCCGAGCTTCTCCGCGTGGAGCTAGCGCAGGAGTTGCAGGCCAAGCAGCGCT
 GGAAGAGCGCCTGGCCAACTTCAGCCGGGGCCACAACCTGAGCCGTGAAGAGCTGCGAGGTTTCTCCG
 CCACTACGAGGAAGCCACCAGGGCGGGCATCCGCATGGACAGCGTGCCGCTCGCTGGGACTTCACGGGC
 GCCTTCTACTTCGTGGGTACAGTGGTTTCTACCATAGGGTTTGGGATGACAACACCAGCCACAACGGGAG
 GGAAGATTTTCTGATCTTTTATGGTCTCATTGGATGTGCAAGTACCATCCTCTTCTTCAACCTTTTCT
 GGAGCGGCTGATCACTGTCTGCTGATGAGATCCTGTCAACAGCAGCAGCTGCGCAGACGTGGG
 GCGGTGACCCAGGACAACATGAAGGCTCCTGAAAAGGGGGAGGCAGACAGCCTGACTGGTGGAAGCCCT
 CTGTGTACTACGTATGCTGATCCTATGCTTGGCATCAGTGGCCATCTCCTGCGGAGCCTGCTGTGTA
 CACCACCATGGAGGGCTGGAGCTACTTTGACTCGGTCTACTTCTGTTTTGTGGCTTTCAGCACCATTGGC
 TTCGGGGACCTGGTGAGCAGCCAGAATGCTCAGTATGAGAGCCAAGGACTCTACCGCTTCTCAATTTCT
 TCCTCATCCTCATGGGTGTCTGCTGCATCTACTTTGTTAACGTCATCTCCATCCTGATCAAACAGAC
 TGTGAAGTGGATCCTGAGGAACTGGATAGCGGGTGTCTCCACCATGCCAAAGAGGACTCTGCGGTCC
 AGGAGGAATGTGGTGATGCCGGTAACATCCGGAACAGGTGCAACATCTCCATAGAGACAGACGGGGTGA
 TGGAAAGTGACACTGATGGACGACGTCTCTCGGGGGAGATGATCTCCATGAAGGACACCAACAAGGTCTC
 CCTGGCCATCCTGCAGAAGCAGTTGTCCGAGATGGCCAATGGGGGACCCACCAGAACAGTGATCCTCC
 CGGGATGATGAGTTCTCAGGGGAGTGGGAGCCTTTCAGTAATGAATAACAGGTTGGCAGAGACCAGTG
 GAGATAGGTAGGAACCAGAAGTAGCTGCTATATGAAGAAAACCAGGGCATGTGGGAATAAGACTGTT
 ACACCACTGGTAAGCTCAGCTGTGCTCTGGCTGTTGCAATTAATATCTCCAGTCCAGGTTTTGAAATCT
 GACCTTGGCCTCAGGCAAGAGTAGCCTCTCACAGTTGAGGGCTGGAGCCTTTTCCCTGGCTCTTACTTT
 ACTTTTGAAATCCAAGTTTGCATTTGGAACCTAAGGGCCTTGCCTTCTCCAGAGTTGTAATGGTCT
 GAGGGAGACTGGTCCAGTTTTGGTTTTCCACCATGATCATTCTTAGGAAGGGAGACCCCAAAAAGC
 CTGCTTCTGCTGGAACGTGAGTGGCTGAACCTCACCCAGCCCTCAAGAAAAGGCAACAACATTCCA
 GAGTGTCTCTGGGCTTCTGTTTCTGGACTTCTTCCAAACATATCTATTGTTGGTTCCATTGATGGGG
 ACACTATCTCATTTCTTATACTGCTTCTGTTTGGGAGTCTGGTTTTCTTTTGTGTTTCTTCT
 GTTTGACTAATATATCTTTGGATCTTATGTGATAAGAAAATAAATCCACCTTCAAACCTTTAAGCTTG
 GCAGTGTAGAGGAAGAGGGAACTCCATCTTGTAACTAAAGCCACAGCTTACTATGCCTCTCTGAA
 TGGTTACACGGATCGTGCATTTTACCAGGGCTTGGAGCCTGGTGCAGAGGCAACTGACTATTTATTAGA
 GTTGAACATTTAATAAATCTCATTTTGTAAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_146037

Insert Size: 1218 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: [BC023443](#), [AAH23443](#)

RefSeq Size: 2075 bp

RefSeq ORF: 1218 bp

Locus ID: 217826

UniProt ID: [Q8R1P5](#)

Cytogenetics: 12 E

Gene Summary: Potassium channel displaying weak inward rectification in symmetrical K(+) solution.
[UniProtKB/Swiss-Prot Function]

Transcript Variant: This variant (3) differs in the 5' UTR compared to variant 1. Variants 1, 2 and 3 encode the same protein. Sequence Note: The RefSeq transcript and protein were derived from genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on alignments.