

Product datasheet for MC215748

Kcng3 (NM_153512) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Kcng3 (NM_153512) Mouse Untagged Clone
Tag: Tag Free
Symbol: Kcng3
Synonyms: KV6.3; Kv10.1a; Kv10.1b
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC215748 representing NM_153512
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGACCTCGGGCGGGCGGGGGCGGCTCGGTGGTGTGAACGTGGGCGGCGCCGGTACTCGTGTCCC
 GGGAGCTGCTCAAGGACTTCCCCTGCGCCGCGTGAGCCGGCTGCACGGTCCGCTCGGAGCGCAGCT
 GCTCGAAGTGTGCGAGACTACGACCGGGAGCGCAACGAGTACTCTTCGACCGACTCGGAGGCCTTC
 GGCTTCATCCTGTGTAGTGTGCGCGCCACGGGAAGCTGCGCTTCGCGCCGCGGATGTGCGAGCTCTCT
 TCTACAACGAGATGATCTACTGGGGCTGGAGGGTGCACCTGGAGTACTGCTGCCAGCGCCGCCTAGA
 CGACCGCATGTCCGACACCCACACCTTTACGCGGCAGACGAGCTGGGCCGCGAGCAGCCTCGTCCC
 GGACCCGAGGGCGGCCCTCCCGCGCTGGCTGGAGCGCATGCGGCGGACCTTCGAGGAGCCACGTCGT
 CGCTGGCCGCGCAGATCCTGGCCAGCGTGTCCGTGGTGTTCGTGATCGTGTCCATGGTGGTGTGTGCGC
 CAGCACGCTGCCCAGTGGCGTGC GGCGGTTGCTGACAACCGCAGTCTGGATGACCGGAGCAGGTA
 GCCAGCCCTGGGAGGGAACCTCCGGGATAATTGAAGCTATCTGCATAGGGTGGTTCACCGCGGAGTGCA
 TCGTGGCGTTCATCGTCTCCAAAAACAAGTGTGAGTTTGTCAAGAGACCCCTGAACATCATTGACTACT
 GGCAATCACGCCCTATTACATCTCTGTGCTAATGACAGTGTTCACAGGCGAGAACTCTCAACTCCAGAGG
 GCTGGGGTCACTTGAGGGTCTCCGAATGATGCGGATCTTCTGGGTGATCAAGCTTGCCCGCACTTCA
 TTGGTCTGCAGACACTGGGCTTGACTCTCAAGCGATGCTACCGAGAGATGGCTATGTTACTTGTCTTCAT
 CTGTGTTGCCATGGCAATCTTTAGTGCCTCTCTCAGCTCCTTGAACATGGGCTGGACCTGGAAACATCC
 AACAAAGGATTTCCGACGATCCCGCTGCCTGCTGGTGGGTGATTATCTCTATGACTACAGTTGGCTATG
 GAGATATGTATCCTATCACGGTGCCTGGAAGAATTCTGGAGGAGTTTGTGTTGTCAGTGGGATTGTTCT
 GTTGGCATTACCCATCACTTTCATCTACCATAGCTTTGTGCACTGCTACCGAGCTCAAGTTTAGATCG
 GCTAGATATAGTAGGAGCTCTCAGCTGAGTTCCTGAAT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_153512
Insert Size:	1302 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_153512.1</u> , <u>NP_705732.1</u>
RefSeq Size:	3356 bp
RefSeq ORF:	1302 bp
Locus ID:	225030
UniProt ID:	<u>P59053</u>
Cytogenetics:	17 E4
Gene Summary:	Potassium channel subunit that does not form functional channels by itself. Can form functional heterotetrameric channels with KCNB1; modulates the delayed rectifier voltage-gated potassium channel activation and deactivation rates of KCNB1.[UniProtKB/Swiss-Prot Function]