

Product datasheet for **MC216961**

Kcnk5 (NM_021542) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Kcnk5 (NM_021542) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Kcnk5
Synonyms:	KCNK5b; TASK-2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC216961 representing NM_021542
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGTGGACCGGGTCCTTTACTCACCTCGGCCATCATATTCTACCTGGCCATCGGGGCAGCGATCTTCG
AAGTGCTGGAGGAGCCACACTGGAAGGAGGCCAAGAAAACTACTATACACAGAACTGCATCTACTCAA
GGAGTTTCCGTGCCTGAGTCAGGAGGGACTGGACAAGATCCTACAGGTGGTGTCTGATGCTGCGGATCAG
GGTGTGGCCATCACCGGGAACCAGACTTCAACAACCTGGAACCTGGCCCAATGCAATGATTTTTGCTGCCA
CAGTCATACCACCATCGGTTATGGCAATGTGGCTCCCAAGACCCAGCTGGGCGCCTCTTCTGTGTCTT
CTACGGCCTCTTCGGGGTCCGCTGTGCCTGACATGGATCAGTGCCTGGGCAAGTTCTTCGGGGGACGT
GCAAAGAGGTTGGCCAGTTTCTTACCAGGAGAGGAGTGAGCCTGAGGAAGGCTCAGATCACGTGTACAG
CCATCTTCATCGTGTGGGTGTCTTGGTCCATCTGGTATCCCGCCTTTGTGTTTCATGGTGACAGAAGA
ATGGAACCTACATTGAGGGCCTCTACTATTCCTTCATCACCATCTCCACCATTGGCTTTGGGGACTTTGTG
GCCGGTGTGAACCCAGTGCCAACTACCAGCCCTATACCGATACTTTGTGGAGCTTTGGATCTACCTGG
GGCTGGCTTGGCTGTCCCTCTTTGTCAACTGGAAGGTGAGCATGTTTGTGGAAGTACACAAGCCATTAA
AAAGAGGCGGGCGGCCGCAAGGAATCCTTTGAGAGCTCTCCACACTCCCGGAAGGCCCTACAGATGGCT
GGAAGTACAGCATCCAAGGACGTCAACATCTTCAGCTTCTATCCAAAAAGGAGGAGACCTACAATGACC
TCATCAAAAGATTGGGAAGAAGGCAATGAAAACAAGTGGGGGAGGGGAGAGGGTCCCAGGACCTGGACA
CGGGCTGGGACCTCAAGGGGATAGACTACCCACCATCCCTGCATCCCTGGCACCTTTGGTGGTCTATTCC
AAGAATCGGGTGCCAGCTTGAAGAGGTATCTCAGACTCTAAAAACAAGGGACATGTGTCAAGGCCAC
TTGGTGAGGAGGCTGGGGCACAGGCCCAAGGATAGTTACCAAACCTCTGAAGTGTTTATTAACCAACT
GGACCGTATCAGTGAGGAGGGAGAGCCGTGGGAAGCCCTGGACTACCACCCGCTCATCTTCCAAAATGCC
AACATTACCTTTGAAAATGAAGAAACCGCCTCTCAGACGAGGAGACCTCTAAGTCTTGTGGAGGACA
ACCTGACCTCAAAGGAGCAGCCTGAACAGGGACCCATGGCTGAGGCACCTTGTAGCAGCAGCGGTGAATT
CCCTTCATCCGATGAGTCCACCTTACCAGCACCAGTCCAGAGCTCTCCGTGCCTTACGAGCAGCTGATG
AACGAATACAACAAGGCAGATAACCCAGGGGCAGTGA

ACGGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_021542

Insert Size: 1509 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: [NM_021542.4](#), [NP_067517.1](#)

RefSeq Size: 3364 bp

RefSeq ORF: 1509 bp

Locus ID: 16529

Cytogenetics: 14 A3