

Product datasheet for **RN211096**

Kcnk5 (NM_001039516) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Kcnk5 (NM_001039516) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Kcnk5
Synonyms:	TASK2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN211096 representing NM_001039516
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGTGGACCGGGTCCCTTACTCACCTCGGCCATCATATTCTACCTGGCCATCGGGCGGCCGATCTTCG
 AAGTGCTGGAGGAGCCACTGGAAGGAGGCCAAGAAAACTACTATACACAGAACTGCATCTACTCAA
 GGAGTTTCCGTGCCTGAGTCAGGAGGCCCTGGACAAGATCCTACAGGTGGTGTCTGATGCTGCGGATCAG
 GGCGTGGCCATCACCGGGAACCAGACTTCAACAACCTGGAAGTGGCCAAATGCGATGATTTTCGAGCCA
 CAGTCATCACCACCATCGGTTATGGTAATGTGGCTCCCAAGACCCAGCTGGGCGCCTCTTCTGTGTCTT
 CTATGGCCTGTTCCGGGTGCCACTGTGCCTGACATGGATCAGTGCCTGGGCAAGTCTTCGGGGGACGT
 GCCAAGAGGCTGGCCAGTTTCTACAAGGAGAGGAGTGAGCCTGAGGAAGGCTCAGATCACATGTACGG
 CCATCTTCATCGTGTGGGCGTCTCGTCCACCTGGTGTATCCCGCCTTCGTGTTTCATGGTGACGGAAGA
 GTGGAACACATTGAGGGCCTCTACTATTCCTTCATCACCATCTCCACCATTGGCTTTGGGGACTTTGTG
 GCCGGTGTGAACCCAGTGCCAACTACCACGCCCTCTACCGCTACTTTGTAGAGCTTTGGATCTACCTGG
 GGCTGGCTTGGCTGTCCCTCTTTGTCAACTGGAAGGTGAGCATGTTTGTGGAAGTACACAAGCCATCAA
 GAAGAGGAGGAGGCGCGGAAGGAATCCTTCGAGAGCTCCCCACACTCCCGGAAGGCCCTGCAGATGGCC
 GGAAGTACGGCTTCCAAGGACGTCAACATCTTCAGCTTCTATCCAAAAAGGAGGAGACCTATAATGACC
 TCATCAAACAGATTGGGAAGAAGGCAATGAAAACAAGTGGGGGTGGGGAGAGGGTCCCAGGACCCGGACA
 CGGGCTGGGAGCTCAAGCGGGGATGGCTTACCAGCATCCCTGCATCCCTGGCACCTTTGGTGGTCTAT
 TCCAAGAATCGAGTGCCAGTTTGAAGAGGTATCTCAGACTCTAAGAAACAAGGACACGTGTCAAGGC
 CACTTGGTGAGGACGCTGCGGCACAGACCCCAAGGAAGTTACCAACCTCCGAAGTGTTTATTAACA
 ACTGGACCGTATCAGCGAGGAGGTGAGCCGTGGGAAGCCCTGGACTACCACCGCTCATTTTCCAAAAAC
 GCCAACATCACCTTTGAGAACGAAGAAACCGGCCCTCTCTGATGAGGAGACCTCTAAGTCTCCGTGGAGG
 ACAACCTGACCTCAAAGGAGCAGCCTCAGCCGGGGCCATGACTGAGGTGCCCTCGAGCAGCAGGGTGA
 ATTCCTTCATCGGATGAGTCCACCTTACCAGCACTGAGTCAGAGCTCTCTGTGCCTTATGAGAAGCTG
 ATGAACGAGTACAACAAGGCAGACAGCCCCAGGGGCAC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001039516

Insert Size: 1512 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_001039516.2](#), [NP_001034605.1](#)

RefSeq Size: 3489 bp

RefSeq ORF: 1512 bp

Locus ID: 364241

Cytogenetics: 15p16