

## Product datasheet for MC212544

### Kcnk12 (NM\_199251) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Kcnk12 (NM\_199251) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Kcnk12  
**Synonyms:** mntk1  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >MC212544 representing NM\_199251  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGTCCTCCCGCAGCCCCGGCCCCGCCCCGCCGCTGCCGCCGCCGCTGCCGCCGCCCTCCTGCTGCT  
 GCTGCTGTTGCCCGCTCGCACCTCAACGAGGACACCGCCGCTTCGTGCTGCTGGCGGCTCATCGG  
 CCTCTACCTGGTGGCGGGTGCACCGTGTCTCTGCGCTCGAAAGCCCGGGCAGGCGGAGCGCGGGCG  
 CGCTGGGGCGCCACGCTGCGCAACTTACGCGCTGCGCACGGCTGGCGGAGCCGAGCTGCGCGCCTCC  
 TCCGGCACTACGAGGCCGCGCTGGCCGCCGGGTCCGCGCCGACGCGCTGCGCCCGCTGGGACTTCCC  
 TGGAGCCTTACTTCGTGGGACCGTGGTGTGACCATAGGTTTCGGCATGACAACACCAGCCACAGTG  
 GGCGGGAAGGCCTTCTCATCGCTACGGACTGTTCCGGCTGCGCGGGGACCATCTGTTCTTCAACCTCT  
 TTCTAGAGCGCATCATCTCGTGTGCTGCTTATCATGCGCGCTGCCGGGAGCGCCAGCTGCGCCGCG  
 TGGCCTGCTGCCCGCCACCTTCCGCCGGCTCGGCGCTGTCGGAGGCCGACAGCCTGGCGGGTGAAG  
 CCCTCGGTGTACCACGTGCTGCTCATCTGGCCCTGTTCCGCGTGTGCTGGCCTGTTGCGCCTCGGCCA  
 TGTACACCAGCGTGAAGGCTGGGACTACGTGGACTCGCTCTACTTCTGCTTCTGCTACCTCAGCACCAT  
 CGGCTTCCGGGACCTGGTGAGCAGCCAACACGCCCTACCGGAACCAGGGGCTCTACCGCTGGGCAAC  
 TTCTTCTCATCTGCTCGGCGTGTGCTCATCTACTCGCTCTTCAACGTATCTCCATCTCATCAAGC  
 AGGTGCTCAACTGGATGCTGCGCAAGCTGAGTGCCTGCTGACGCGCTGCTGCCCGCTCCCGGCGC  
 GCCCTAGCCCGGCGCAACGCCATACCCCGGGCTCCCGCTGCGCCGTGCGCTGGCCGCGCTGGGTGCC  
 GACCCCGGACTCGGACAGCGATGCCGAGGGCCGCCCTGTCGGGCGAGCTCATCTATGCGCGACC  
 TCACGGCGTCCAACAAGGTGCTGCTGGCGTGTGTCAGAACGAGTGTCCGAGACGGCAACGGCTACCC  
 GCGCAGCGTGTGCTCAACACGCGACAGAACGGCTTCTCGGGCGGCTGGGCGCGCTGGGCATCATGAAC  
 AACCGGCTGGCAGAGACCAGCGCTCCAGG**TAG**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA



<b>Restriction Sites:</b>	Sgfl-Mlul
<b>ACCN:</b>	NM_199251
<b>Insert Size:</b>	1293 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_199251.1</a></u> , <u><a href="#">NP_954859.1</a></u>
<b>RefSeq Size:</b>	1952 bp
<b>RefSeq ORF:</b>	1293 bp
<b>Locus ID:</b>	210741
<b>Cytogenetics:</b>	17 E4