

## Product datasheet for MC212577

### Kctd7 (NM\_172509) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Kctd7 (NM\_172509) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Kctd7  
**Synonyms:** 4932409E18; 9430010P06Rik  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >MC212577 representing NM\_172509  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGTGGTAGTACCAGGGCGGGAGCCAGACAGCCGTCCTCGGACGGTGCCATGTCCAGCTCCGAAGCCG  
 AAGACGACTTCTGGAGCCGGCCACTCCTACGGCCACGCAAGCGGGCACGGGCTGCCCTGCTGCCCA  
 GGAGTTTCTGAAGTCGTCCTTGAACATTGGAGGGGCTCACTTACCACGCGCTTGTCTACTCTGCGG  
 CGCTATGAAGACACCATGCTGGCTGCCATGTTCAGCGGGCGGCATTACATCCCTACAGACTCCGAGGGCC  
 GGTAATTCATCGATCGAGATGGCACACACTTTGGAGATGTGCTGAACTTCTGCGTTCAGGGGACCTGCC  
 CCCCAGGGAGCATGTGCGAGCTGTGCACAAGGAGGCCAGTACTATGCCATCGGGCCCTCCTGGAGCAG  
 CTGGAGAACATGCAGCCACTGAAGGGCGAGAAGGTGCGCCAGGCCTTCTGGGACTCATGCCCTATTACA  
 AAGACCACTTGGAGCGGATTGTGGAGATTGCCCGGCTTCGCGCAGTACAGCGGAAGGCCGCTTTGCCAA  
 GCTCAAAGTCTGTGTCTCAAGGAAGAGATGCCCATACCCCTATGAGTGTCCGCTCCTCAACTCCCTT  
 CGCTTTGAGCGGAGTGAGAGTGATGGACAGCTCTTTGAGCACCAGTGTGAAGTGGACGTGTCTTTGGGC  
 CCTGGGAGGCCGTGGCTGATGTATACGACCTCTTGCACCTGGTCACTGACCTCTCAGCCAGGGCCCT  
 CACGGTGGACCACAGTGTATCGGGGTGTGTGACAAGCACCTTGTCAACCATTACTACTGCAAACGCCCC  
 ATCTATGAGTTCAAATCACGTGGTGG**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_172509  
**Insert Size:** 870 bp



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<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>	<a href="#">NM_172509.3</a> , <a href="#">NP_766097.1</a>
<b>RefSeq Size:</b>	4266 bp
<b>RefSeq ORF:</b>	870 bp
<b>Locus ID:</b>	212919
<b>UniProt ID:</b>	<a href="#">Q8BJK1</a>
<b>Cytogenetics:</b>	5 G1.3
<b>Gene Summary:</b>	May be involved in the control of excitability of cortical neurons.[UniProtKB/Swiss-Prot Function]