

Product datasheet for MC202595

Kctd3 (NM_172650) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Kctd3 (NM_172650) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Kctd3
Synonyms:	4930438A20Rik; 9330185B06; E330032J19Rik; NY-REN-45
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC079581 sequence for NM_172650
GGCCGCCATGGAGGCGAGTGGGCTCTGAGGAGAGGCCGGGCTGGGCCGGCGCCTCCAGCCACGAGCGGC
GGAGGCCACGAACACGTAGTGGGGGAGGCTGGAGCGAGCCGGCCGCTGCGGGAGGCTCGGCCTCCGAG
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CAGCATTCCGCCCCATTTAAATTTCTCGGACAAAAGAACTCGACTTAAGGGGAGTCAGCATTAAATGT
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TAACTAACACAGCTAGGTCTCTGTGGATGCTAGGAATGGAAGTGAAGTCTATGGAAGGAGAAGCCCGGG
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TCCTTCACCGTGAGGGAGTGTGAGGGCTCCAGCAGGATGGGCTCCCGGCCAAGGCGATACCTGTTCACTG
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AAAAAAAAAAAAAAAAAAAAAAAAAAAA
    
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- Restriction Sites:** Ascl-NotI
- ACCN:** NM_172650
- Insert Size:** 2448 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:** [BC079581](#), [AAH79581](#)

RefSeq Size: 3732 bp

RefSeq ORF: 2448 bp

Locus ID: 226823

UniProt ID: [Q8BFX3](#)

Cytogenetics: 1 H6

Gene Summary: Accessory subunit of potassium/sodium hyperpolarization-activated cyclic nucleotide-gated channel 3 (HCN3) upregulating its cell-surface expression and current density without affecting its voltage dependence and kinetics.[UniProtKB/Swiss-Prot Function]