

Product datasheet for **RN209043**

Kctd8 (NM_001100172) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Kctd8 (NM_001100172) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Kctd8
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN209043 representing NM_001100172
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**

ATGGCTTTGAAGGACACGGGCAGCGCGGCAGCACCATCCTCCCGATCAGCGAGATGGTGTCCGCGTCCA
 GCTCTCCAGGCGCTCCGCTGGCCGCCGCCAGGGCCCTGCGCCCGTCTCCCTTCCCGAGGTAGTAGA
 ACTGAATGTTGGCGGCCAGGTTTATGTGACCAAGCATTGACGTTGCTCAGCGTCCCGGACAGCACTCTG
 GCCAGCATGTTCTCTCCCTCTAGTCCCCGGGGCGGCTCGGCGCGGGGCGACTTGCCAGGGACAGCC
 GCGCGCGTCTTTCATCGACCGCAGCGTCTCTTTAGGTACGTGCTGGATTACCTGCGCGACAAGCA
 GCTGGCGTGGCGAGCACTTCCCCGAGAAGGAGAGGCTCTGCGCGAGGCAGAGTTCTTCCAGTTACT
 GACCTGGTCAAGCTGCTGTGCGCCAAGGTACCAAGCAGAACTCGCTCAACGACGAGGGTCCAGAGCG
 ACCTGGAGGACAACCTTTCCAGGGCAGCAGCGACGCACTGCTGCTGCGTGGGGCGGCGCCGGCGCGCC
 CTCGAGTTCTGGGACACGGTGTCACTGGCGTTGTCACTGGCGCAGCGCTCCGACAAGCGCTCTGGG
 TTCTCTCACTGGGCTACCGTGGCTCTACACCACAGTGCAGACAACAGGCGAGATGCCAAGTTTAGGC
 GTGTGGCGCGCATCATGGTGTGCGGGCGCATAGCCTTGCCCAAGGAGGTCTTTGGGGACACTCTTAATGA
 GAGTCGCGACCCGTGACCGTCAGCCTGAGAAGTACACATCCCGCTTCTACCTCAAGTTACCTACTTGGAG
 CAGGCATTCGATCGACTCTCTGAGGCTGGCTTCCACATGGTGGCGTGCAACTCCTCTGGCACTGCCGCT
 TTGTCAACCAGTACCGAGACGACAAGATCTGGAGCAGTTATACTGAATACATCTTCTCCGACCCTCA
 GAAATAGTGTACCCAAACAAGAACATGAAGACAGGAAATGTGACAAAGTCACAGACAAGGAAGTGAG
 AGTGGGACTTCTGCAATGAGCTCTCCACATCCAGCTGTGACAGCACTCAGAGGCCAGCACTCCACAGG
 ACAACCTGGTCAACTCAGCAGGCTGTATCTCAGCAGCCTAACACCTTAACCTTGATAGACCTCCCG
 GAAAGCCCTGTTCACTGGATGCCGCCACAGACAAGCGCAGAAACAGTGAACCTTTCACTCACTCATC
 AGCAAGTCCCGAGAGACAATCTCTCCAAAAAGAGGTCTGCGAGAAGCTAAGTGTGGAAGAAGAAATGA
 AAAAGTGATTACAGATTTTAAAAAATCCACATTCCAGATTGTTTTCCAGAGCGCAAACGCCAGTGGCA
 ATCTGAAGTCTCCAAAAATATGGGTT**GTAG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001100172
- Insert Size:** 1431 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_001100172.1, NP_001093642.1
RefSeq Size: 2840 bp
RefSeq ORF: 1431 bp
Locus ID: 364148
Cytogenetics: 14q11