

Product datasheet for **RN207115**

Kctd3 (NM_001107199) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Kctd3 (NM_001107199) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Kctd3
Synonyms:	Ren-45
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF:

>RN207115 representing NM_001107199

Red=Cloning site Blue=ORF Orange=Stop codon

 TTTTGAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**C

ATGGCGGGCGGGCACTGCGGCAGCTTCGCTGCGGCGGCCAGCAGCGGGAGATCGTGCAGCTGAATG
 TTGGGGGACCAGGTTTCAGTACCTCAAGGCAGACTCTTATGTGGATTCCAGATTCTTTTTTCCAGTTT
 GCTGAGTGAAGGATTTCAACACTTCGAGATGAACTGGTGTATATTTATTGATAGGGACCCGGCAGCA
 TTCGCCCCATTCTAAATTTTCTTCGGACAAAAGAACTCGACTTAAGGGGAGTCAGCATCAACGTTCTCA
 GACACGAGGCAGAATTTATGGGATCACTCCACTAGTGCAGAGGCTGCTGCTGTGTGAGGAGCTGGAGAG
 GTCGTCCTGCGGCAGTGTCTGTTCCACGGCTACTTCCCCCGCCAGGCATCCCCAGTCGTAAAGGAACT
 AACACAGCTAGGTCTCTGTGGACGCTAGGAATGGACTGAGTTCTATGGAAGCGAAGCCGGGGAAGCG
 GGACGCAGCCTGTGCTTGTGGGAATGGAGAAGACACTATTAGGCTGGGAGTCCCAGTGGACCCAAGAAA
 GGTGCTAATAGTTGCTGGCCACCACAACCTGGATTGTAGCTGCCTATGCTCACTTTGCTGTGTGTACAGA
 ATCAAAGAGTCTTCAGGGTGGCAGCAAGTGTTCACAGCCATATCTGGACTGGACCATGAACGGGTGG
 CTTTGAATGCAAAAGTGTTGGAGTCTCATGGAGACAAGGACAAAATGGTGGCTGTGGCTCAGAGAG
 CAGCATCATCCTGTGGAGTGTTCAAGACGGAGGAAGCGGAAGTGAATGGTGTGTTAGCCTCGGGGTT
 CCTGTAGACGCCCTCTTCTTCATTGGGAATCAGCTGGTGGCCACGAGTCACACAGGCAAAGTGGGCGTGT
 GGAATGCTGTACACAGCACTGGCAGGTGCAGGACGTTGTCCCGATAACCAGCTACGACACTGCAGGCTC
 CTTCTCTCTGGGATGTAACAATGGGTCAATATATTACATAGACATGCAGAAGTTCGGTTCGGGATG
 AAGGATAATGACCTCCTGTGCTGAGCTCTACCACGACCCTTCCAACGACGCCATCACTGCGCTGAGTG
 TTTACCTCACCCCAAAACCACTGTGAGCGGAACTGGATCGAGATCGCTACGTTACAAGCTCTGGAGC
 AGTGCGAGTGATTGTGCAGCATCCAGAGACAGTCGGCTCGGGGCCACAGCTCTTCAGACATTACAGGTT
 CACCGGAGCCCTGTGACGAAGATCATGCTGTGAGAGAAGCACCTGGTGTGAGTGTGTGCTGACAACAACC
 ATGTGCGCACCTGGACGGTGACACGGTTCAGAGGGATGATCTCTACGACGCCAGGCTCCACTCCTTTAGC
 ATCGTTCAAGATCCTGTCTTGAAGAGACAGAGGCCACGGCAGCTATTCTCTGGAATGACATCGGG
 CCTTTTGGAGAACGAGATGATCAACAAGTGTTCATCCAGAAGTTGTTCCCATCACCAACAAGCTGTTTG
 TCAGGCTGTATCGACTGAAAAAGGATATGTGAGATCCAGGCTGTGGACTGCACTACAATCTCCTCGTT
 CACTGTGAGAGAGTGCAGGGCTCCAGCCGGATGGGCTCCCGGCCAAGGCGCTACCTGTTCACTGGCCAC
 ACCAACGCGCAGCATCCAGATGTGGGACCTGACCACAGCCATGGACATGGTCAACAAGAGCGAGGACAAGG
 ACGCAGGCGGCCCACTGAGGAAGAGCTGCTCAAGCTGCTGGACCAAGTGTGATCTGAGCAGTCCCCTG
 CGCCACGCCCAACATCAGCCCTGCCACCTCTGTGCTCCAGCACAGCCGCCTTCGTGAGTCCAGCTCCAGC
 CTTCACTCCAGCACCAAGCAATCCATGAAGCAGCAACCTATGGTGGCACGCGGCCTTACCGAGAGA
 GCCCTTTGTTAGCCAGAGCAAGGAGGACTGAGAGCTTCCACAGCTACAGGGACTTGCAGACTCTCAATCT
 CAACCGAACTGTAGAGAGAGCTGTCCCTGAGAATGGTCAACGGGCCAGCCAGGCTGAGGCAAAAGGG
 GCAGCAGCAGGGGAGTGTGCTGTGTGTGAGAGGAAGTCCCGGGGACAGAGGGAAGATGTGTGAGGGAGC
 CCGATGTGGGCTTAGACGTGCACAGACCAGCGGAAGTTTGTGAGAGCCCAAGAAAGGTCAACAGAGGA
 TGAATGAGCCCAAGTGGAGTTCGGGAAGAAAGGATTCAAGCAGGGGATTCTTGAAGAAAGAAA
 GTTCCCTATCTGCATCCTCACCAAGTACCTCTGATGGAGGGACCGACTCCCCTGGTACAGCATCCCCT
 CTCCAATAAGACCACTCCGTCACCTCGGCACAGAAAGAGCGACTCCTCTGGCCAGGAGTACAGCTTGTG
 A

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-MluI

ACCN:

NM_001107199

Insert Size:

2451 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:	<u>NM_001107199.1, NP_001100669.1</u>
RefSeq Size:	3688 bp
RefSeq ORF:	2451 bp
Locus ID:	305055
Cytogenetics:	13q26