

Product datasheet for **MC222818**

Kctd19 (NM_177791) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Kctd19 (NM_177791) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Kctd19
Synonyms:	4922504H04Rik
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC222818 representing NM_177791
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAGGAGCCTGGCGGGCTCCATGAGTACAGCAGAGGATTTGTTTCACTTCAATGTCGGGGGCTGGCATT
 TCTCAGTTCAGGAGCAAACCTTGTCTAGTTCAGACTCGCTGTTGTGAAAGAGGCTTCAGCCCTGAC
 CTCTTCAGAGAACCAGCGGCTCTTCATTGACAGAGACGGCTCCACGTTTAGGCATGTGACTATTACCTC
 TACACGTCCAAGCTCTCCTTCTCCAGTTGTGCAGAACTGAACTTGTCTATGAGCAAGCCCTGGGTTTGC
 AGCTGATGCCCTTGTTCAGACCCTAGATAACCTGAAGGAAGGGAGACACCCTCCGTGTGCGGCTGC
 CGACATTCCTGTGGTGTGAGAGCATCCCTGAACTACTGGCGGACATGGAAGTGTATCAGCAAGCCCTCG
 GATTTTCCAATAAAAAGCCCGCCTTACAGGTCTTCATGACAAGGCCCTTTGGGACTCATGGACACAC
 CGCTGTTGGACACAGAAGAGGAAGTGCCTACTGCTTCTTACCCCTCGACTTGGTGGCAAGTACCAAG
 CCTAGTGACCGAAGACAATCTGTGTGGTGGCTGAAACGGTGGCCCTGATCGAGTGCAGTGCAGCGAG
 TTCCGCTTCATTGTGAATTTTCTACGCTCACACAAGATTTTACTACCAGATAACTTCTCCAACATAGATG
 TGTTAGAAGCAGAAGTAGAAATTTCTGAAATCCCTGAGCTTACAGAAGCTGTACGGTTGTACCGGATGAA
 TATGGCGTTGCAACCAGCGTTGCCAGGGCCGAAGGAAGCCAGCTTAGCCTGGAGCAGGAGGAGCCTAGC
 CTGGGTGGCTGTTCCCGACCTCCTGCCACCTCTAAGTCTGAAAGGGGGGTCGTACAGCCAGTGTGG
 AGTCTGTGAAACCACTGTACTTGTGGCCTGGCCTGCTGGTCAAGTATCCAGACTCTGCACTGGGACA
 GCTGGCATCGAGAGCACGCTGGACGGAAGCAGACTATACATCACAGGGAACGGGGCCCTTTCCAGCAC
 GTCAGAACTGGTGGCACTTGTGGCTGCCCCGACTGAGACCATCTCCGAGGTGTATGAGCTCTGGC
 CCTTCTGGACAAGAGGGACATCACCTACGACCAATGAAAGTGGCTCTGAAGACTCATGGAGCCAAG
 GACTTTGCTGCCGTTGGATGTGCTCAGTGAAGTGGACAGCTGAGGTACAGATATACTACCACAGCAG
 ATCATCAAGCTTTATGTTGGAAGCCATTGGTATGCAACGACCCTGCAGACCCTGATGAAGTACCCAGAAC
 TGCTATCCAACACTCAGAGAGTGTACTGGATCGCTACGGACAGACCTTGTCTATTACGGGGACGGCCA
 AATGTTCCGACACATTCTCAACTCCTGAGACTTGGAAAAGTGTGTTTACCATCAGAATTAAGGAATGG
 CCTCTCTTCTGCCAGGAGGTGGAGGAGTATCATATCCAGCCCTCTCAGAAGCCCTGGCACAATGCGAAG
 CATAAAGTATGGACTCAGGAGAAAGAATCTGAAAATGAAGAAGCTTTCCATTAGGAAGCTGCATGT
 GGTGACCGAAGGGACAGGGCCAATGGCAGAGTTCAGCAGAGATGCCAAGGAAACACAGCCTGCATGCCT
 GTGGACTTCCAGGAATGCAGTGCAGGACTCCATGGAACAAGGCCAAGGGAACCTGACCAGGTCCAGCC
 AGATGGAAGAGGCTGAGCAGTATACCCGACTATTCAGGTCTCCCTCTGCAGAAATGCCAAGAGGGGAGG
 CAATCCCAGCACATACTCACACTGCTCTGGTTTATGTGCCAACCCAGACATTGGGGAGGTCACTCTGAG
 AGTCCCCCAAGAAGAAGTGCACCACTATAAACCTCACACAGAAACCTGATGCCAAGACCCCTCCTGTCA
 CCCCCATGCAAAAAGTCAATCTTTAGTCAGGGAATGGGACATGGTCAACTGTAACAGTGGGAATTTCA
 GCCACTGCCAGCCTCCAGGAGCAGCTCTGTGGAGGAGGCTAGCCTGCATGTCCCCCGGGAAAGTGGGCT
 GCTCCGCAGCCTGGTACCTCAGCTGCTTGGAAAGCTATTCCATAACCTCTGAGAAGGATGCTGGTCCCC
 AGACTGGACCCGGAGCTGGAGTGAAGACAAGGGTCCAGAGCCAACCTTTAAGCCATACTTCCCTACAAA
 AAGAGCTATTACCCTAAGGACTGGGGCAAGCAGAGGCCAAGGACAGAGAAAGCCCTGCTCTGAGCAG
 CCTCTGCCTAATGCTAACGGGACCGACAATCCAGGGGCCATCCTCAAAGTGGCTCACCCCTGTGGTGG
 GTAATGATGGCTCCTGCATGTTCTTTGAAGACAGCATTATCTACACCACCAAAATGGATAACATCAAGCA
 TACATCACTCACAGCCAGCCCCAACTTCGAGAAGTACTTTTCTGAGCTTCTCTGTCTCTGGGAGGAG
 ATGTTTTATGCACAGAAATGTCACCGCTTCTGACCGACATCATTTGGATTCCATCAGGCAAAAGGATC
 CCAAAGCTATCACAGCCAAGGTGGTGTCTCTGGCCTACCGACTGTGGACTGAACATCAGCCCCAAGCA
 GTTCGTGGTGGATCTGCTGGCCATCGTGGCTTCAAGGATGACCGGCACACTCAGGAGCGTCTGTACAGT
 TGGGTAGAGCTCACACTGCCTTTTCGCCAGAAAATATGGCCGTTGGTGGACCTGCTCATCCAGAGGGGAC
 TGTCAGGTCTGTCTTATTACAGTCTGGCAAGTATTTACACGAGGGC**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN:	NM_177791
Insert Size:	2853 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:	<ol style="list-style-type: none"> 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_177791.3</u> , <u>NP_808459.1</u>
RefSeq Size:	3076 bp
RefSeq ORF:	2853 bp
Locus ID:	279499
UniProt ID:	<u>Q562E2</u>
Cytogenetics:	8 D3