

Product datasheet for MR221530

Kctd17 (NM_001081367) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Kctd17 (NM_001081367) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Kctd17
Synonyms:	2900008M13Rik; AA414907; AW742389; N28155
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR221530 representing NM_001081367 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCAGACAACGCGGCCGGCGATGAGGATGGAGGCCGGGAGGCAGCGCCACCGGTGGGGCGGGCGGCC
GCCCCGGGGCGGCTGGGGCAAGTGGGTGCGGCTGAACGTGGGGGCACGGTGTTCTGACCACCCGCCA
GACGCTGTGTCGGGAGCAGAAGTCTTCTCAGCCGCTGTGTCAGGGCGAAGAGCTTCAATCGGACAGG
GATGAGACCGGGCCTACCTCATTGACCGTGACCCACCTACTTCGGGCCATCCTGAATTTCTCAGGC
ATGAAAAATTGGTCTGGACAAGGACATGGCCGAGGAGGGGTCTGGAGGAAGCAGAGTTCTACAACAT
TGGTCTCTGATTCTGAATCATCAAAGACAGGATGGAGGAGAAAGACTACACAGTGGCCCAGGTGCCACCT
AAGCATGTATACCGAGTCTGCAGTGCCAAGAGGAGGAGCTCACACAGATGGTATCCACTATGTCCGACG
GCTGGCGCTTCGAGCAGCTGGTGAACATCGGCTCCTCTACAACATATGGGAGTGAGGACCAGGCCGAGTT
CCTGTGTGGTGTCTAAGGAGCTCCACAGTCCCCACACGGCCTGAGTCCGAGTCCACTCGCAAGGCC
AAGAGCACGGACGAGCAGCTGGAGGAGCAGCGCGGCAGGAGGTGGAGGAGTGGAGTGGCCCAGGTGC
AGGTGGAGGCGGATGCCAGGAGAAAGCTATTACAAGCCAGAGGCACCCGGATGTGAGCCCCAGATCAC
CTCCAGGGACTTGGGGTCCGATCTGAAATCCTTTATTTTTGTACCACGGGTGGGCCCTGGCCCGAGG
AGGAAGACAAGCCCTCTACCTTGTGTCAGTGTGCTGCCTGCATCTGCCGGGC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTAA



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Protein Sequence: >MR221530 representing NM_001081367
Red=Cloning site Green=Tags(s)

MQTTRPAMRMEAGEAAPPVGGGRPGGGWGKWRNLNVGGTVFLTTRQTLCREQKSFLSRLCQGEELQSDR
 DETGAYLIDRDPTYFGPILNFLRHGKLVLDKDMAEEGVLEEAFFYNIQPLIRIIKDRMEEKDYTVAVQVPP
 KHVYRVLQCQEELTQMVSTMSDGWRFEQLVNISSSYNGSEDAEFLCVVSKELHSSPHGLSSSESTRKA
 KSTDEQLEEQRREQVEVEVAQVQVEADAQEKAITSQRHPDVSPQITSRDLGFRSEILYFCTTGWAPGPR
 RKTSP LPCQCCLHLPG

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mm9090_g02.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001081367

ORF Size: 888 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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_001081367.1](#), [NP_001074836.2](#)

RefSeq Size: 1574 bp

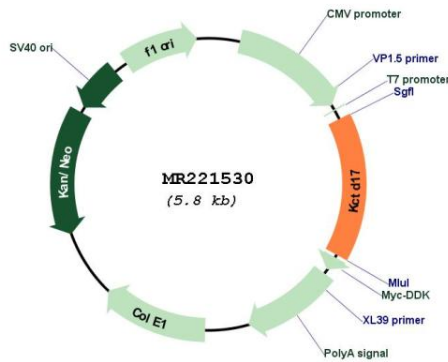
RefSeq ORF: 891 bp

Locus ID: 72844

Cytogenetics: 15 E1

MW: 33.3 kDa

Product images:



Circular map for MR221530