

Product datasheet for RR209506

Kctd11 (NM_001108831) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Kctd11 (NM_001108831) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Kctd11
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RR209506 representing NM_001108831
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGCTGGGGGCCATGTTAGGGCTGACACCCTAATGCCGGCAATCTCAACCCGCAAGGAGATGGCCATT
 ACTTCATCGACAGGGACGGTAAGGCTTTCGGCACATCCTCAATTCCTGCGGTAGGCCGCTGGACCT
 GCCCCGTGGGTATGGAGAACTGCCCTTCTTAAGGCAGAGGCTGACTTCTACCAGATCCGGCCCCCTCTG
 GATGCACTGCGGGGAATTGGAAGCCTCTCGGGGTACACCTGCGTCCACAGCTGCCCTGCTCCATGCTGACG
 TAGATGTTAGCCCCGCCTGGTGCACCTTCTGCTCGACGGGGCCCCACCAGTATGAGCTGAGTCTGT
 CCAGGTGGACACCTTCCGAGCCAACCTTCTGTCACAGACCCTGAGTGTCTGGCTGCCATGCGCAACAGA
 TTTGGTGTGGCCAGTGGGACAGGGCAGAAGGAGGTCCACATTTTCGGCTAGAGTGGGCCTCCGCCCC
 AGGAACTCCCTGAAGTAGAATATCAAAGACTGGGGCTCCAGCCACTGTGGACTGGGGACCAGAAGATCG
 GCGGGAGGTAGTGAACACGCCTACGTTCTGGAGGAGGTGCTACGGGTGGCTCTGGAACATGGCTTCCGC
 CTGGATTCTGTCTCCAGACCCTGAAGACCTTCTGAACCTAGATCCTTGGCTTTGTGCGCCAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RR209506 representing NM_001108831
 Red=Cloning site Green=Tags(s)

MLGAMFRADTLMPANLNPQGDGHYFIDRDGKAFRHLNFLRLGRLDLPRGYGETALLKAEADFYQIRPLL
 DALRELEASRGTPASTAALLHADVDVSPRLVHFSARRGPHHYELSSVQVDTFRANLFCCTDPECLAAMRNR
 FGVASGDRAEGGPHFRLEWASRPQELPEVEYQRLGLQPLWTGGPEDRREVNTPTFLEEVLRVALEHGFR
 LDSVFPDPEDLLNSRSLRFVRH

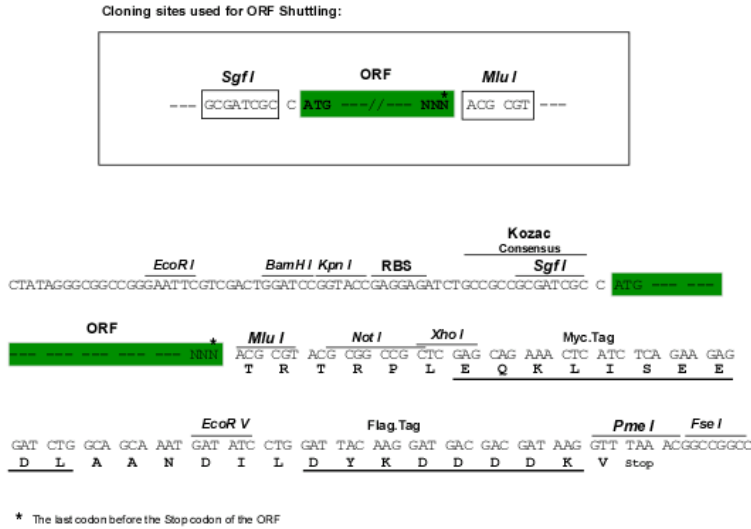
TRTRPLEQKLI SEEDLAANDILDYKDDDDKV



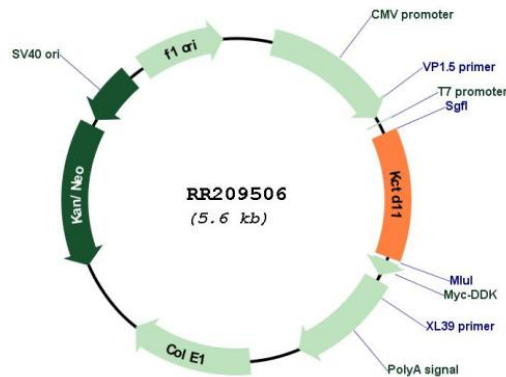
[View online »](#)

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001108831

ORF Size: 696 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:	<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_001108831.2, NP_001102301.1</u>
RefSeq Size:	2164 bp
RefSeq ORF:	699 bp
Locus ID:	363634
Cytogenetics:	10q24
MW:	26.3 kDa