

Product datasheet for **RR214979**

Kctd6 (NM_001107253) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Kctd6 (NM_001107253) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Kctd6
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RR214979 representing NM_001107253
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCCGATCGCC

ATGGATAATGGAGACTGGAGCTATATGATGACTGACCCAGTCACGTTAAATGTAGGCGGACACTTGTACA
CGACATCTTTACCACGTTGACACGCTACCCGGATTCTATGCTTGGAGCTATGTTTGGAGGTGACTTCCC
CACAGCCAGAGACCCTCAAGGCAATTCTCATCGATCGAGACGGACCGCTTTTCCGTTACGTCCTCAAC
TTCTTACGGACTTCAGAATTGACGCTCCCCTGGACTTCAAGGAGTTTGATCTGCTTCGAAAGAGGCCG
ACTTCTACCAGATCGAGCCCCTGATTCACTGTCTCAATGACCCTAAGCCTTTGTATCCTATGGACTTTT
TGAAGAAGTTGTAGAGCTGTCCAGTACTCGAAGCTTTCTAAATACTCCAATCCCGTGGCTGTCATCATA
ACCCAGTTGACCATCACCAAGGTCCATTCCCTACTGGAAGGCATCTCAAATATTTACCAAGTGGA
ATAAACACATGATGGATACCAGAGACTGTCAGGTCTCTTTCACCTTTGGACCGTGCATTACCACCAGGA
AGTCTCCCTTCGGGTCCACCTGATGGAGTACATTACGAAGCAAGGCTTACGATCCGCAATACTCGGGT
CATCACATGAGCGAGCGGCCAATGAGAACACAGTAGAGCACAACCTGGACTTTCTGTAGACTGGCCCGCA
AGACGGACGAC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RR214979 representing NM_001107253
Red=Cloning site Green=Tags(s)

MDNGDWSYMMTDPVTLNVGGHLYTSLTTLTRYPDSMLGAMFGGDFPTARDPQGNFYIDRDGPLFRYVLN
FLRTSELTLPLDFKFDLLRKEADFYQIEPLIQCLNDPKPLYPMDTFEEVVELSSTRKLSKYSNPVAVII
TQLTITTKVHSLLEGISNYFTKWNKHMMDRDCQVSFTFGPCDYHQEVSLRVHLMYITKQGFIRNTRV
HMSERANENTVEHNWTFCLARKTDD

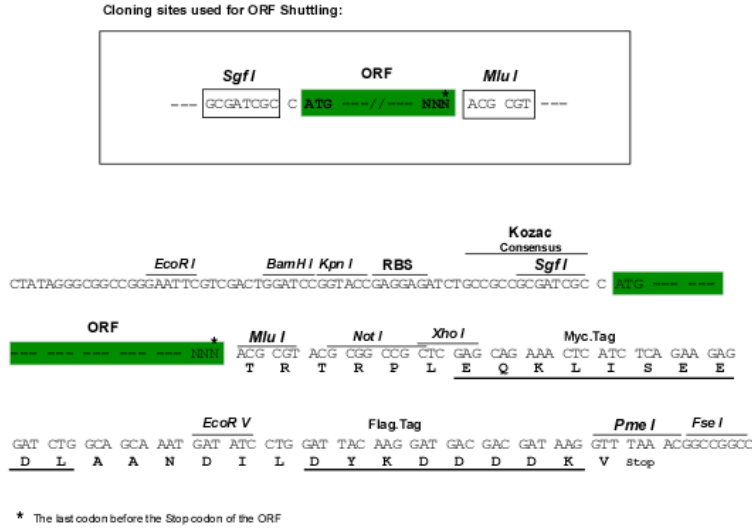
TRTRPLEQKLISEEDLAANDILDYKDDDDKV



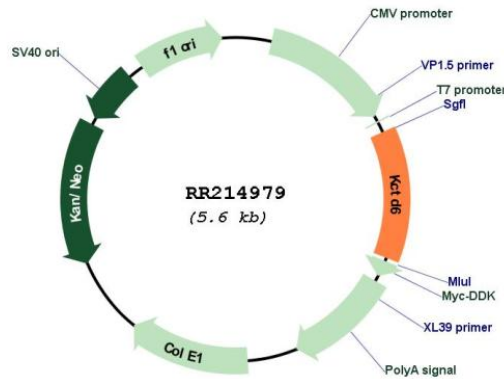
[View online »](#)

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001107253

ORF Size: 711 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_001107253.1, NP_001100723.1</u>
RefSeq Size:	1420 bp
RefSeq ORF:	714 bp
Locus ID:	305792
Cytogenetics:	15p14
MW:	27.6 kDa