

Product datasheet for **RN206071**

Kctd7 (NM_001128194) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Kctd7 (NM_001128194) Rat Untagged Clone
Tag: Tag Free
Symbol: Kctd7
Synonyms: MGC188043
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN206071 representing NM_001128194
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGTGGTAGTCAACGGGCGGGAGCCAGACAGCCGTCCTCGGACGGTGCCATGTCCAGCTCCGAAGCCG
AAGACGACTTCTGGAGCCGGCTACTCCTACGGCCACGCAAGCGGGCACGGGCTGCCCTGCTGCCCA
GGAGTTTCTGAGGTCGTCCCCCTTAACATCGGAGGGGCTCACTTACCCTCGCCTGTCTACTCTGCGG
CGCTATGAAGACACCATGCTGGCAGCCATGTTACGCGGGCGGCATTACATCCCTACAGACTCGGAGGGTC
GGTACTTCATCGACCGAGATGGCACACACTTTGGAGATGTGCTGAATTTCTGCGATCAGGGGACCTGCC
ACCCCGGGAGCACGTGCGAGCTGTGCACAAAGAGGCCAGTACTACGCCATTGGGCCCTCCTGGAGCAG
CTGGAGAACATGCAGCCACTGAAGGGCGAGAAGGTGCGCCAGGCCTTCTGGGGCTCATGCCCTATTACA
AAGACATTTGGAGCGGATCGTGGAGATTGCCCGGCTTCGCGCAGTACAGCGGAAGGCCGCTTTGCCAA
GCTCAAAGTCTGCGTCTCAAGGAAGAGATGCCCATCACCCCTATGAGTGTCCACTCCTAACTCCCTC
CGCTTTGAGCGGAGTGAGAGTGACGGACAGCTCTTTGAGCACCCTGTGAAGTGGACGTGCTTTTGGGC
CCTGGGAGGCAGTGGCTGACGTGTACGACCTCTTGCCTGGTACGGACCTCTCAGCCAGGGCCCT
CACGGTGGACCACAGTGTATCGGAGTGTGTACAAGCACCTTGTCAACCACTACTACTGCAACGCCCC
ATCTATGAGTTCAAATCACATGGTGG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001128194
Insert Size: 870 bp



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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_001128194.2</u> , <u>NP_001121666.1</u>
RefSeq Size:	1504 bp
RefSeq ORF:	870 bp
Locus ID:	688993
UniProt ID:	<u>B1WC97</u>
Cytogenetics:	12q12
Gene Summary:	May be involved in the control of excitability of cortical neurons.[UniProtKB/Swiss-Prot Function]