

Product datasheet for MC213067

Kctd12 (NM_177715) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Kctd12 (NM_177715) Mouse Untagged Clone
Tag: Tag Free
Symbol: Kctd12
Synonyms: AU046135; AW538430; Pfet1; Pfetin
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF: >MC213067 representing NM_177715
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCTCTGGCGGACAGCACCCGAGGATTACCAACGGGGCGGAGGCGGAGGTGGCAGCGGCTCGTCGT
 CGTCCTCGGGGAGCCGCGCTTCCCGGACATCGTAGAGCTGAACGTGGGAGGGCAGGTGTATGTGAC
 CCGGGCGTGCACCGTGGTGTCCGTGCCGACTCGCTGCTCTGGCGTATGTTACGCAGCAGCAGCCGAG
 GAGCTGGCCCGGACAGCAAAGGCCGCTCTTTCTGGACCGGGACGGCTTCCTCTCCGCTACATCTGG
 ATTACCTGCGGGACTTGCAGCTCGTGTGCTGCCGACTACTTCCCGAGCGCAGCCGGCTGCAGCGGAGGC
 CGAGTACTTCGAGCTGCCGGAGCTCGTGCCTCGCCTCGGGGCGCCCAGCAACCCGGTCCGGGGCCACCG
 CCGCCGACTCGCGCCGCGGGGTGCACAAGGAGGGCTCTCTGGCGATGAGCTGTGCGCTGGGCTACG
 CAGAGCCCAGCCGAGGAGGGCGCCTCGGCCGGGGCGCCTTCGCCACGCTGGAGCTGGTAGCCGAG
 CCCGTCCGGGGCGCGCGGGGGCCCTGCTCACGCCGTCCCAGTCTTTGGACGGCAGCCGGCGCTCCGGC
 TACATCACCATCGGCTACCGCGCTCCTACACCATCGGGCGGACGCTCAGGCGGACGCCAAGTTCCGGC
 GGGTGGCGGCATCACCGTGTGCGGCAAGACGTGCTGGCCAAGGAGGTGTTGGGGACACCCTGAATGA
 GAGCCGGGACCCGACCGGCCCGGAGCGCTACACCTCCCGCTATTACCTCAAGTTCAACTTCTAGAG
 CAGGCCCTCGATAAGCTGTCCGAGTCGGGCTTCCACATGGTGGCGTGCAGCTCCACGGGACCTGCCGTT
 TTGCTAGCAGCACCGACCAGAGCGAGGACAAGATCTGGACCAGCTACACCGAGTACGTTCTGCAGGGA
 GTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



ACCN:	NM_177715
Insert Size:	984 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:	NM_177715.4 , NP_808383.3
RefSeq Size:	6076 bp
RefSeq ORF:	984 bp
Locus ID:	239217
UniProt ID:	Q6WVG3
Cytogenetics:	14 E2.3
Gene Summary:	Auxiliary subunit of GABA-B receptors that determine the pharmacology and kinetics of the receptor response. Increases agonist potency and markedly alter the G-protein signaling of the receptors by accelerating onset and promoting desensitization.[UniProtKB/Swiss-Prot Function]