

Product datasheet for MC201692

Kcne1l (NM_021487) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Kcne1l (NM_021487) Mouse Untagged Clone
Tag: Tag Free
Symbol: Kcne1l
Synonyms: 1500015C14Rik; Kcne5; Mink
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC028942 sequence for NM_021487
 CTGAGCGCCTGCCGGGAGCTGGGTGCCACCTCGCTGTCGAAGTCTCTGCACCCTGCCTGCTCTGCTTGC
 TCCCCTTGCTCGCTTGTCCCTTGTCCAGGGGAAAGGTCAACTGCGTCTGGAGCCTCCGTGCCACT
 CTCCAACAGCTATGAACTGCAGCGAGAGCAACGGCTGCAAACCTCTTGAACCGCTTGCTGCTGGAGCT
 GCACCATCGTGGCAACGCGAGCGCCTGGGCATCGGAACCGGCCGAGCATGGGCATGGGGTCTGCCCT
 GACCCCTTTCGTGGGCCGCGAGGGCAGCAGCGCCAAAGGTAACGACGCTTATCTCTACATCTACTCATCA
 TGATCTTCTATGCCTGCCTAGCCGGAGGCTCATCCTGGCCTACACCCGCTCCCGCAAGCTCGTCGAGGC
 CAAGGATGAGCCACCCCTGGCCTGTGTTGCTGAGCAGGAATGGGTCCCCGCTGCCATCGCATCTGCCGAC
 CCGGAGAATGGCCAGGGCTTGTGGCTGAGGGCGGCCACCAGCTCGCAGCAGGGGCGCTGCCTGCCTGG
 CTCAGGGCGCTGAGAGGGTCTAGATCCGCTGTCTCCTCATTCTTATCCCTGGGCTGGCTCCCGCG
 CTTTTACTGCCGTTCCAGAGCTCGCTTTACCCGAGGCCAGAAGATGATGAGAGGTCAGAACCCTTCAAG
 GCAAGGCCCTGGAAGAAGAAGCAGCGCCTTACTCACACCCGACCACCTTCTCTCTCCCTCCCTCCATG
 CCGGCAGGCACCCCTACCCCGCATATCCAACCGAATTAACCTGCCTCTGCTTTCTGTCTTCAGCCAGCC
 CCAACACCATGCTCTAGCCTTCTGGGAACAGAATCCAGCAGCTCCAACACTTGGCATTGAATCGAAGCAA
 CGAAGTCTAGCAGAACTCTGGGGCGTTAACTGGCAGCTGTCCAGGGGCTGCCAAGGACTGCTCAGTC
 TGCACAGCTAATGGGGTTAGCCATCACTGCCAGGCCCGCTGCAGCAGCTCAAGCTTTCTGTTGCCTTGGG
 GACAGAGACAAAGAGCACGAAGAGACCTCAGACATCTTTTCCTTCAGCGGGCTATTAGGGAGACACTATT
 GTGGCATAGAATGGAAGGAGGGGAGGGAAAGGTTCAATGGGAAAGGAAGATCTATGGTCCCAGGGGTATG
 GTGTTCTTGTTCCTGTCCCCCTAATTGCCATCCAATGGTCTGAGTATTAGTGTCTTGGACATCTGGC
 TTGGATAATCATTACTAGTTGCTTAGCCTTAATAATCCCAAATGCATCTTATATTGGTTCAGTTATTA
 CTGCAATGTATGTATGCTTCATTAGGGCCAGTCATCCCTAGCTCTGTAACCTTGGGGAATCTTACAGGC
 AGGTAATAAAGTTTGTAAATCAGTAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI
ACCN: NM_021487
Insert Size: 432 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:	BC028942 , AAH28942
RefSeq Size:	1439 bp
RefSeq ORF:	432 bp
Locus ID:	66240
UniProt ID:	Q9QZ26
Cytogenetics:	X F2
Gene Summary:	Potassium channel ancillary subunit that is essential for generation of some native K(+) currents by virtue of formation of heteromeric ion channel complex with voltage-gated potassium (Kv) channel pore-forming alpha subunits. Functions as an inhibitory beta-subunit of the repolarizing cardiac potassium ion channel KCNQ1.[UniProtKB/Swiss-Prot Function]