

Product datasheet for **MC215947**

Kcnj4 (NM_008427) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Kcnj4 (NM_008427) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Kcnj4
Synonyms:	IRK3; Kcnf2; MB-IRK3
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC215947 representing NM_008427
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGCACGGACACAACCGAAACGGCAGGCCACGTGCCAGGCGAAACGCCGAACCGCTTTGTCAAGA
 AGAACGGCCAGTGAACGTCTACTTCGCCAACCTGAGCAACAAGTCCCAGCGCTACATGGCAGACATCTT
 CACCACCTGCGTGGACACGCGCTGGCGCTATATGCTCATGATCTTCTCCGCGCCTTCTCGTTTCTGG
 CTCTTCTCGGCCTCCTTCTGGTGCATTGCCTTCTCCATGGTGACCTGGAGGCCAGTCCCTCTGTGC
 CCGCGGCAGGAGGCCGGGGGCAATGGCGGGCAAGCCGAATGCCCCAAACCCTGTATCATGCACGT
 AAACGGCTTTTGGGGCCTTCTTCTCAGTGGAGACCCAGACGACCATTTGGTACGGTTCCGGTGT
 GTGACAGAGGAGTCCCGTTGGCGGTATTGCGGTGGTTGTCCAGTCCATTGTGGGCTGTGCATTGACT
 CCTTCATGATTGGCACGATCATGGCAAGATGGCAGGCCCAAGAAGCGGGCACAGACCCTGCTGTTCCAG
 CCACCATGCTGTATCTCCGTTGAGACGGCAAGCTCTGCCTGATGTGGCGCGTGGTAACTGCGCAAG
 AGTCACATTGTGGAGGCCACGTCCGGGCCAGCTCATAAACCTACATGACACAGGAGGTGAGTACC
 TGCCACTGGACCAGCGGGACCTCAACGTGGGCTATGACATCGGCCTGGACCGCATCTTCTGGTGTACC
 CATCATCATAGTGCATGAAATCGACGAGGACAGCCACTCTACGGCATGGGCAAGGAGGAGCTGGAGTCA
 GAGGACTTTGAGATTGTGGTCACTCTGGAGGGTATGGTGGAGGCCACGGCTATGACCACTCAGGCCCGCA
 GCTCCTATCTGGCCAGTGAATCCTGTGGGGTCAACCGTTTGGAGCTGTGGTCTTCGAGGAAAAGAGTCA
 CTAAGGTGGACTACTCAGGATCCACAAGACCTATGAGGTGGTGGCAGCCCTGTCTCCGCCGT
 GAGCTGCAGGAGCAAGATCACGGTGTGCCCCGCCACCGCCCTCCAGTGCCTTCTGCTATGAGA
 ATGAGCTGGCCCTTATGAGCCAGGAGGAAGAGGAGATGGAAGAGGAGGCTGCGGCCGACGAGCCGTGGC
 TGCAGGCCTGGGCTGGAGGAGGTTCCAAGAGGAGGAGGCATTATCCGGATGCTTGAGTTTGGCAGC
 CACCTGGATCTGGAGCGCATGCAAGCCGCCACCCTTCCACTGGACAATATTTCTATCGCAGGGAATCTG
 CCATCTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_008427
- Insert Size:** 1338 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:**
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_008427.4](#), [NP_032453.3](#)
RefSeq Size: 2167 bp
RefSeq ORF: 1338 bp
Locus ID: 16520
Cytogenetics: 15 37.74 cM