

Product datasheet for **RN208078**

Kifc2 (NM_198752) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Kifc2 (NM_198752) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Kifc2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN208078 representing NM_198752
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTACGCCTTTTACTCTGCTCATCTACATCTTCTACAGTCTTTTCCGCAGGGATGGCGGTGCTGCGG
 CGGTCTCGGACCCCGGGGACCCACCCAGAAAAGCGGCGGCCAACCTAGGGGTCGTCGCCGTCCGGATCA
 ATTCACATCAGAACTGTGGACCGAGCTGAACAGCCTGGCCGGCTGCTCCGAATCTGAAGATGGCCAGAAA
 GGAGCGGAGGGTGGAGCAGCTGAGGTGTCGCTGGAAGAGGCACTCATGCGCCTTGCTGAGTTCCTCTCCG
 TCCAGTTGGGGGAGAAGAGAGCTGCGGGACGACTCCTGACCTGGGCAAGCCTGGTGAAGTCCCCCACT
 GTTGACAGTAACAAGTCAGCTCTTGCCCTTCTGGCATGGACACGGAGCCCCGGGGGAGGCAGGCCCTG
 CTCCAGGGGACTCAGCAACCTGCCAGTGCAACCCTCCACTCTAGATGGCTCTCTGTCTCAAGAAGAAA
 GCTCTCAGTCCACTCCCATCCTGGATGAGGTACCAAGGGATGAGACCCAGGAGCATCAGCCTCCCAGTT
 GGAAGAGGAGCAGAGAGTTTGGCAGCGGTGGAACAGCTATTCTCGGACAGCTGGAAGAACTGAGACAG
 CAGCTGGAGCAGCAGGAAGAAGAGCTGAGTAGACTTCGTCTGGGAGTGGGGGTGACAGACTCAGAGAAAA
 GAGTTCAGCACCTCACATTGGAGAATGAAGCACTGAAACAGAGCTTGAGCCTTACTCGAGACCTCTGTCT
 ACACTGGGTGCCTGGACCGCTCACCAGACCTCCCCAGGAGGAGGCAGGAGCACTGTTGGAGCTGCAGGGC
 CAGCTTCAAGAGGCCAGGACACCACAGAAGCTCTCCGGTCCAGCTGGGGGTACAGGAGCTGCAGCTGC
 AGGGCCTTCGAGGGGCCCTCCAGCAGCTTCAGCAGGAGACAGAACAAGAACTGCAGACAGGAGCTGCAGCA
 AGTTCACGGACAGCTGGCAGGACTTCGGGCACGGATGGCCAGCCTCCGTACGGGCTGTGGGGACCTCCGA
 GGACTGGTCAGCACCTTTACCCAGAGCTGTGAGGGCTCTCTGAGTGAGGCTCAGGGCCAGGTTTCTGGG
 CCCTTGGGGCTCTGTGAGCTGGAAGGCTAAGACTCAGCTCCCAGAAGGGCACCAAGCACCCCACTGG
 ATGCTCAGGGCGGCTTTTGGAACTCAAGGGAATATTCTGTGTTCTGTGTGCGCTGAGACCAGCTGAAGGG
 AAACCTTCCAGCCTGGTGAAGCTGGAGCCCGGACAAGGGGAAGCATCACACGTGCTACCGAGGACGCC
 AGCATCGCTTTCGCTGGACTGGGTCTTCTCAAGATGCCAGCCAGGAGGAGTCTTACGGCAGCTGGA
 GCCAGCTGTGTTGCTCCTCCAGGGGTACAGTGTCTGCGTGTTCACCTATGGTCAGACTGGGACAGGG
 AAAACCTACAGCATGGAGGGCCACCTGAGGATCCTGGCATAGCGCCTAGGGCACTGCAGTTGCTGTTCC
 GGGAGATGGGGACTGGAGGGCACCACTGTGACCCTCAGCATGGTGGAGATCTACAACGAGGCAGTCAG
 GGACCTCTAGCTACGGGGCCTCCAGAGCGCTGGTAGTCAGGCAGGGACCTGCAGGGCAGGGGGGAATT
 CAAGTGGCCGGCCTCACACTGGGACGTACCTAACCTGGAACCTGCACCAGATGCTGAGTCTGGGGA
 GAAGCAACCGGGCTACAGCAGCCACTGTATGAACCAGCACAGCTCACGCTCCCACGCCCTAATTACGCT
 GACTTTACGTGCAGCTTCTCCCCCTCGGGCCAGGGTATCACAGGCACACTGCACCTGGTGGATCTGGCA
 GGATCTGAACGGGTGTGGAAAGCAGGGGTAGCCAGCCCGGTACAGAGAGACCCGAATGGCGCCCGCGTC
 TGCGTGAGGCCAGGCAATCAACCGCTCCTTGCTGGCACTAGGAGGAGTATGGCCGCGCTTCGAGCTCG
 GAGGCCTCATGTGCCCTTCTGTGACTCACAGCTTACGCGCCTTTTACAGCCGGCGCTTGGCGAGGGCACC
 ACTGCAGTTTTATTGCTGCAGATCTCCACAAGGGCGGAAGATCTCGGGGAGACCATCTGCTCACTGAAGT
 TCGCCCAGCGAGTGGGTCAAGTGAAGTGGGGCCTGCCCGCGCCGTAGAACCCACGCTCTGGGACCCC
 TTCTTCTCTCAGTACTGACACCCCTCTCACTGGAATTCCTGCACCCCTACACCATCTCTGGCAGCCCT
 CCCAGTCCCAGCCCCAACAGCTGTTCTGGCTTGACTCTTGAACCTCCAGGGGACCTGCCTCT**AG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_198752
Insert Size: 2376 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:	<u>NM_198752.3</u> , <u>NP_942047.2</u>
RefSeq Size:	3172 bp
RefSeq ORF:	2376 bp
Locus ID:	300053
Cytogenetics:	7q34
Gene Summary:	mouse homolog may play a role in retrograde axonal transport [RGD, Feb 2006]