

Product datasheet for **MC221629**

Kifc2 (NM_010630) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Kifc2 (NM_010630) Mouse 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:

>MC221629 representing NM_010630

Red=Cloning site Blue=ORF Orange=Stop codon

 TTTTGAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**

 ATGTACGCCTTTTACTCTGCTCATCTACATCTTCTACAGTCTTTTCCGCAGGGATGGCGGGGCTGCGG
 CGGTCTCGGACCCCGGGGATCCACCCAGAAAAGCGCGGCCAACCTAGGGGTCGTGCGCGTCCGGATCA
 ATTCACATCAGAACTGTGGTCCGAGCTGAACAGCCTGGCCGGCTGCTCAGAATCTGAGGATGGCCAGAAA
 GGAGCGGAGGGTGGAGCAGCTGAGGTGTCCCTGGAAGAGGCACTCATGCGTCTTGCTGAGTTCCTCTCCG
 TCCAGTTGGGGGAGAAGAGAGCTGCGGGACGACTCCTGACCTGGGCAAGCCTGGTGAAGTCCCCCACT
 GTTGACAGTAACAAGTCAGCTCTTGCCCTACTGGCATGGACACGGAGCCCCGGGGGAGGCAGGCCCTG
 CTCCAGGGGACTCAGCAACCTGCCCGTGCAGCCCTCCACTCTAGATGGGTCTCTTTCACAAGAAGAAA
 GCTCCTCTCAGCCCACTCCCATCTGGATGAGGTACCAAGGGATGAGACCCAGGAACATCAGCCTCTCCA
 ATTGGAGAGGAACAGAGAGTTTGGCAGCGTTGGAACAGCTCATTCTTGACAGCTGGAAGAGCTGAGA
 CAACAGCTGGAGCAACAGGAAGAAGAGCTGAGTAGACTTCGTCTGGGAGTGGGGGTGACAGATTCAGAGA
 AGAGAGTCCAGCACCTCACATTGGAGAACGAAGCCTTGAACAGAGCTTGAGCCTTACTCGGGACCTCCT
 GCTACACTGGGGGCTGGACCACTCCCCAGACTTTCCAGGAGGAGGCAGGGGCACTGTTGGAGCTGCAG
 GGCCAGCTTCAAGAGGCCAGGACACCACAGAAGCTCTCCGAGTCCAGCTGGGGGCCAGGAGCTGCAGC
 TGCAGGGCCTTCAAGGGGCCCTCCGGCAGCTCCAGCAGGAGACAGAGCAGAACTGCAGACAGGAGCTGCA
 GCAAGTTCACGGACAGCTGGCAGGACTACGGGCACGGATGGCCAGCCTTCGTGAGGATGTGGGGACCTC
 CGAGGACTGGTCAGCACCTTTACGCAGAGTTGCCAGGGCTCGCTGAGTGAGGCTCAGGGCCAGGTTTCCT
 GGGCCCTTGGGGCTCTGTGAGTGGAAAGGCTAAGACTCAACTCTCAGAAGGGAACCAAGCACCCCAAC
 TGGATGCTCAGGGCGGCTTTTGGAAGTCAAGGGGAATATTCGTGCTGTGTGCGGTGAGACCAAGCTGAA
 GGGCAGCCTTCCAGCCTGGTGAAGCTGGAGCCTGGACAAGGGGGAACCATCACCATGTTACCGAGGAC
 GCCAGCATCGTTTCGCCTGGACTGGGTCTTCTCAAGATGCCAGCCAGGAGGAGGTCTTCAGGCAGCT
 GGAGCCAGCTGTGTTGTCTGCCCTCCAGGGGTACAGTGTCTGCATCTTCACTTATGGTCAGACTGGGACA
 GGGAAACCTACAGCATGGAGGGCCACCTGAGGACCCTGGCATAGCTCCTAGGGCACTGCAGTTGCTGT
 TCCGGGAGATGGGACTGGAGGGCACCACCATGTGACCCTCAGTATGGTGGAGATCTACAACGAGGCAGT
 CAGGGACCTCCTAGCTACAGGGCCTCCAGAGCGCCTGGTAGTAAGGCAGGGACCTGCAGGGCAGGGGGA
 ATTCAGTGGCTGGCCTCACACACTGGGACGTACCTAACCTGGAACCCCTGCACCAGATGCTGAGTCTGG
 GGAGAAGCAACCGAGCTACAGCAGCCACTGTGATGAACAGCACAGCTCAGCTCCACGCGCCTAGTTAC
 GCTGACTTTACGTGCAGCGTCTCCGCCTCGGGCCAGGGTATCACAGGCACACTGCACCTGGTGGACCTG
 GCAGGGTCTGAACGGGTGTGAAAGCAGGGGTGGCCAGCCCGGTCCAGAGAGACCCGAATGGCGCCCGGC
 GTCTGCGTGAGGCCCAGGCAATCAACCGCTCCTTGCTGGCACTAGGAGGAGTGATGGCGGCGCTGCGAGC
 TCGGAGGCCTCATGTGCCCTTCCGCGACTCACAGCTTACGCGCCTGTTACAGCCGGCGCTCTGCGCAGGC
 ACCACTGCAGTTCTGCTGCTGCAGATCTCCACAAGGGCGGAAGATCTCGGGGAGACCATCTGCTCGCTCA
 AGTTCGCCGAGCGAGTGGGTCAAGTGAACTGGGGCCCGCCGGCGCGCTAGAGCCCCACGCTCTGGAAC
 CCCTTCTTCTCAGTACTGACACCCCACTCACTGGAACCTCTGCACCCCTACACCATCTCCCGGAAGC
 CCTCCAGTACCAGCCCTAACAGCTGTTCTGGCTTGACTCTTGAACCTCCAGGGGACCCGCTCCCTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-MluI

ACCN:

NM_010630

Insert Size:

2379 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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_010630.2, NP_034760.2</u>
RefSeq Size:	3143 bp
RefSeq ORF:	2379 bp
Locus ID:	16581
Cytogenetics:	15 36.23 cM