

## Product datasheet for **RN212409**

### **Kifc3 (NM\_001103352) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Kifc3 (NM_001103352) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Kifc3
Synonyms:	KRP4
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN212409 representing NM\_001103352  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGTCCCAGTTCAGGAGAGCTGGTAGTCCTTCGGGAGAGGCTGGCCCTCCATGACAGTGACCGGCAAG  
 CCACAACCACCCAGCTGCAGAACCAGGTGGAGAATCTAAAGGAAAAGCTCATTAGCCAGGCCAGGAAGT  
 GAGCCGACTGCGATCAGAACTGGGGGACCCGACGTGAAAAGCACCAGGACAGACTGATGGTGGAGAAT  
 GAGCAGCTGAGGCAAGAGCTGAGGCGCTGTGAGGCGGAGCTTCAGGAGCTTCGGGCACAGCCGGTGGTGC  
 CCTGCCAGGGTTGCGAGCACAGCCAGGAGAGCACCAGCTCCGGGACAGGTTATCCAGCTGCAGCTGGA  
 AGTGGCCGAGAACAAGGGCATGCTGTGCGAGCTGAACCTGGAGGTGCAGCAGAAAACCGACCGGCTGGCA  
 GAGGTAGAGCTGCGGCTCAAGGACTGCCTGGCTGAGAAAGCACAGGAAGAGGAGCGACTCAGCCGGCGCC  
 TCGGTGACAGCCACGAGACCATCGCCAGTCTGAAGGCCAGTCCCACCTGTTAAGTATGTCATCAAGAC  
 AGTGGAGGTAGAGTCGTCCAAGCAAGCAGGCCCTCAGCGAGTCCAGACCCGGAACCAGCACCTGCAG  
 GAGCAAGTGGCCATGCAGAGGCAGGTGCTTAAGGAGATGGAGCAGCAGCTGCAGAACTCGCATCAGCTGA  
 CAATACAGCTGCGGGCTCAGATTGCCATGTATGAGGCAGAGCTGGAGCGGGCGCACGGGCAGATGTGGA  
 GGAGATGCAGTCTTGGAGGAAGATAAGAACCAGGCCATTGAGGAGGCCCTTTCGCGGGGCCAGGTGGAG  
 ATGAAGGCTGTACACGAGAACCCTGGCAGGTGTCAGGACCAACCTGCTGACGCTGCAGCCTGCGCTGAGGA  
 CCCTCACCAACGACTACAATGGGCTCAAGCGCCAGGTGCGGGGCTTCCCCTGCTGCTGCAGGAGGCTCT  
 CCGGAGTGTCAAAGCTGAGATTGGCCAGGCCATTGAGGAGGTCAACAGCAACAACCAGGAGCTGCTGCGC  
 AAGTACCGCCGGGAGCTGCAGCTGCGCAAGAAGTGCCATAACGAGCTGGTGGGCTGAAGGAAAACATCC  
 GGGTGATTGCCCGAGTCCGGCAGTCAACAAGGAGGATGGGAAGGACCTGAGGCAACCAATGCTGTGAC  
 CTTTGACCCTGATGACTCCATCATCCACCTGCTGCACAAGGCAAGCCTGTGTCTTCGAGCTGGAC  
 AAGGTCTTCTCCCGTGGGCGTCCAGCAGGATGTGTTCCAGGAGGTGCAGGCCCTCATCACTCTGCA  
 TCGATGGCTTCAATGTCTGCATCTTTGCTTATGGCCAGACAGGCGCCGGCAAGACGTATACAATGGAGGG  
 CACCCCGAGAACCAGGCATTAATCAGCGGGCCCTGCAACTGCTCTTCTCAGAGGTGCAGGAGAAGGGC  
 TCCGACTGGCAGTACAACATCACCGTCACTGAGCTGAGATCTACAACGAAGTCTCAGGGACCTGCTGG  
 GAAAGAGCCTCAGGAGAAGTTGGAGATCCGACTGTGTCCAGATGGCAGCGGCCAGCTGTATGTGCCAGG  
 GCTGACTGAGTTCAGGTGCAGAGCGTGGATGATATCAACAAGGTGTTTGGAGTTGGCTACAACAACCGC  
 ACCACCGAGTTCACCAACCTGAATGAACACAGCTCACGCTCCCATGCTCTGCTCATTGTGACGGTGAGAG  
 GCGTGGACTGCAGCACAGGCCTCCGACCAAGGGGAAAGTGAACCTGGTGGACCTGGCTGGCTCCGAGCG  
 TGTAGGGAAGTCGGGGGCTGAAGGCAACCGCCTGCGAGAGGCACAGCACATCAACAGGTCAGTGTCTGCC  
 CTGGGGGACGTCATCGCTGCCCTGCGTTCTCGACAGGGCCATGTGCCCTTCCGTAATTCAAACTCACCT  
 ACCTGTGTCAGGACTCACTCAGTGGTGACAGCAAGACCCTCATGGTGGTACAGGTGTCCCGAGTGGAGAA  
 AAACACCAGTGAGACTCTGTACTCCCTCAAGTTTGGCTGAGAGGGTTGCTCTGTGGAGCTGGGCCCTGGG  
 TCCCGCCGTACAGAGTTAGGTTCTGGTCAAGCCAGGAGCATCTAGAGTGGGAGCCAGCTTGCCAGACAC  
 CACAGCCTACAGCACGAGCCACTTGCCCTGGCTCTGGGACCAGTAGCCGCCGGGATCCATCCGAAG  
 GAAACTGCAGCCGTCAGCCTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_001103352  
**Insert Size:** 2262 bp

<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_001103352.1</a></u> , <u><a href="#">NP_001096822.1</a></u>
<b>RefSeq Size:</b>	3356 bp
<b>RefSeq ORF:</b>	2262 bp
<b>Locus ID:</b>	307644
<b>Cytogenetics:</b>	19p13