

## Product datasheet for **MC221741**

### **Kif6 (NM\_177052) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Kif6 (NM_177052) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Kif6
Synonyms:	D130004B10Rik; D130084M03Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >MC221741 representing NM\_177052  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGGTGAAGCAGACGATCCAGATTTTCGCTAGGGTGAAGCCACCGTGCAGGAGCAGCAAGGGATTT  
 ACTCCATAGATGAAGATGAAAAATTAACGCATAGCTTGGAAATTGCTTACCCCGAGACCTGGCAGATGG  
 ATTCGTAACAACAACGAGAAAGCTACAAGTTTAAAGTTTCAAAGGATTTTGGACCAAGAGGCTAAGCAA  
 GAGATCATTTTCGAGATCATTGCCAAACAGTCGCCGAGAGTACCTTGGCAGGTTACAATGGCACCATCT  
 TCGCATATGGGCAGACGGGCAGTGGCAAGACATTCACCATCACAGGCGGGGCAGAGCGCTACAGTGACAG  
 AGGCATCATCCCAAGGACCCTGTCGTACATTTTGGAGCAGTTGCAAAAGGACAGCAGCAAGATCTACACG  
 ACACACATTTCTACTTGGAAATCTACAACGAATGTGGCTATGACCTGCTGGATCCAGACACGAAGCCT  
 CCAAACCTGGAAGATCTGCCGAAAGTGACAATATTGGAGGACCCTGATCAGAACATTCACCTGAAAAACCT  
 GTCTCTGCATCAGGCAACAACCTGAGGAGGAAGCTCTGAACCTGCTTCTTGGGGACACCAACAGGATG  
 ATCGCTGAGACTCCTATGAATCAAGCTTCAACCCGGTCACACTGTATTTTCACTGTGCATTTGAGCAGCA  
 AGGAGCCAGGTTCTGCCACCGTCCGACATGCTAAGCTCCATCTGGTTGACCTGGCAGGGTCAGAGCGTGT  
 CTCGAAGACTGGAGTCCGGGGCCTGCTTCTGACAGAGGCCAAATACATCAACTTGTCCCTACACTACCTG  
 GAGCAGGTCATCATTGCCCTTTCGGAAAAACCCGTACACACATCCCTTACAGGAACTCCATGATGACCA  
 GCGTGTCTCAGAGACAGTCTGGGAGGGAAGTGCATGACCACCATGATTGCAACCCCTGTCTTTGGAGAAGAG  
 GAACATTGATGAGTCTATCTCCACCTGCAGATTTGCTCAGCGAGTGGCCCTAATTAAGAAAGGAGCCATT  
 CTCAACGAAGAGATTGATCCAGGCTGATGATTGTTGCTTTCGCTTGCAAAAGGAGATTGAAGACTTGAAGCAG  
 AGTTTGGCCATGGCCACAGGAGAGCAGAGGACAGAGGCCCTCACGGAAGCAGAGCTCCTTCAGTTGGAAAA  
 ACTAATAGCATCCTATTTGGAAGACCAAGATCCAGAGAGTCGACTGGAAGTTGGCCGCTGATATGCGTAAA  
 ATCCATCACTGTTTTTCATCATTTTAAAGAAGCTGTTGAATGACAAGAAGACCCCTAGAGAATACTGTCTCCT  
 CTGAAAGCACACGGCAAGCATGCCAAGAACCATTGAGAGATGAAGAATATACAAAGCTCCTAGGTCTTCT  
 CAAGCAGAGGGACAACGAGATCAATATCCTGGTCAATATGTTAAAAAGGAAAAGAAAGAAACTCAGGAT  
 GCCCTCCAGAATTCAAGCCTAGAGAAAAGCGATACCAGGCCACCTCAGAACTCGCCCTTCATCGCTGGGA  
 GCCCAGCGGTCCAAGGACCCCATTCCTCAGCCCGAGCCACACCCAGGACCTCAGCATCTGCAGGCA  
 CAGATCCAGCTTGTCCACAAAAAACAGGGATGAGAGAGGAGATGTCAGTGGGACGCCAGGAGGCTTTT  
 GAGATTTTCAAGAGGGACCACGCTGACAGTGTACCATCGAGGACAACAACAGGTTCTGAAGCAGAGAT  
 TTTCTGAAGCAAAAGCTCTGGGAGAAAGTATAAATGAAGCAAGAAGTAAAATTGGTCAGCTGAAAGATGC  
 CATCAACCAGCGGCACCTACAGCAAGTAGCTCTTGAATCTCAGAGAACACTGTCCAGCCTCCACGCT  
 GACCCCAAGGAGGAGAACTGCGAGCACAGCTGGAGGAGGAGAAGGGCAGGTACAAAACGGCCTTTATGC  
 ACCTGAAGGCCCTGAAGGTGGAGATAGAGCACCTGCAGCTGCTCATGGACAAAGCCAAGGTCAAGCTGCA  
 GAAAGAGTTCGAGGCCTGGTGGGAGAGGAGGCCACCAGCCTGCAGGTAAGTCCCGGCCACGAACCTC  
 CAGGATGCTGTGAAGCCGTTTCCCAGCAGGACCAGGCACAGCTTCTCTCAAGAAAAGTTCTCGAGACT  
 TGAAGTTGAAAATGGAGCTGGCAGGCTGGAGGCTGCGATAGGAATGCCAGAAGAATCCTTCCCTCCCC  
 CTGCCCAACCAGCAAAGCCAAGAGCCAGTGGCTCCAGGGTCTGGTGAAGATAGGCCCTATCATCC  
 ATCCCTCACTGGAGACAGCCAGACAGACTCCGACATCCTAGCATTATCAAGGCCAGACAGAGCATTC  
 TACAGAAGAAATGCCTGGGAAGCAACTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-Mlul  
**ACCN:** NM\_177052  
**Insert Size:** 2409 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>	<a href="#">NM_177052.3</a> , <a href="#">NP_796026.2</a>
<b>RefSeq Size:</b>	3528 bp
<b>RefSeq ORF:</b>	2409 bp
<b>Locus ID:</b>	319991
<b>Cytogenetics:</b>	17 C