

## Product datasheet for **MC220399**

### **Kifc1 (NM\_001195298) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Kifc1 (NM_001195298) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Kifc1
Synonyms:	100042970; Gm4137; HSET; Kifc5a; KNSL2; Kns12a; Tctex-7; Tctex-7A; Tctex7; Tctex7a
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >MC220399 representing NM\_001195298  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGC**C

ATGGACGTGCAGGCGCAGAGGCCACCTTTGTTGGAAGTGAAGAGGAACGTAGAAGTGAAGGCAGCCCTGG  
 TGAAGTCCTCCTCCGAGTGCCCTGTAGCAAGCAGGCTCAAGAGGGGTCTGACCAGATGGAGGATGC  
 CTTGGAGCCTGCAAGAAACGGACACGAGTCAATGGGTGCAGTGACCAAAGTTGACACATCCCGTCCAGAG  
 GGACACTCCTCAGCACAGTGTACAGACCCAGGGCCACACTGCAGCTCAGAAAGGCCCTAAGAAGACAG  
 GACCTCGTGGGTGCTCTGCTATTGGTACAGTGTGAGGAGCCAGAAGCCAGTTCCCGTCTCTGCCCA  
 GAAGCCTGGCACATCCACTGCTCTGTGGTGGTAGGGAAGAGAGCTGGCAAACGCCCTGCCTGGGACCTG  
 AAGGGCCAGTTGTGTGACCTCAATGAAGAGTTGAAACGCTATCGGGAGAAGACTCAAACGCTGGAAGTGG  
 AGAACCGGGTCTTCGGGAGCAACTCAGAGAGGTCCAGGAGCAGGCCACGACCCTGGGGACAGAGCGGAA  
 CACCCTGGAAGGGGAGCTGGCCAGTGTACGCAGCCGAGCTGAGCAGGACCAGCAGAGGCTGGAGACGCTG  
 AGTGCCCGTGTCTTGGAGCTGGAGGAATGTCTGGGTACCAGGAAAGGCTGCTTACAGGAGCTTACGGGAG  
 AGCGGCTGCAATTGCAGGAGGAGCGGAGCACACTGAGCACCCAGCTGGAGGAGCAGGAGAGGAGTTTCA  
 GGCCACAGAAGCAGCTCTGTCAAGCAGCCAAGAAGAGGTGGTGTGTCTTCGGCAGAAGACTGAAGCCAG  
 GTGACCTTACTGGCTGAGCAAGGAGACCGGCTCTATGGTTAGAGATGGAGCGGCGACGACTCCACAACC  
 AGCTGCAGGAAGTGAAGGGCAATATCCGGGTGTCTGCCGCTGCGCCCTGTCTCGAAGGGGAATCCAC  
 TCCATCTCCTGGCTTCTCGTGTTCCTCCTGGCCCTGCTGGACCCTCTGATCCCCGACGGGCTTAGC  
 CTCTCAGCATCTGATGATCGGCGCTCCACCCTGACTGGGGCCCCGGCCCCACTGTCCGCATGATTTCT  
 CCTTTGATCGGGTGTTCGGCCGGGAAGCAAGCAGGAGGAAGTGTGGAGGATCGCCATGCTTGTCCA  
 GTCAGCACTGGATGGCTACCCTGTGTGCAATTTTGCCTATGGACAGACAGGCAAGTGGCAAGACCTTCACT  
 ATGGAAGGAGGGCTAGGGGAGACCCCAATTGGAAGGGCTGATCCCTCGGGCCATGCGGCATCTGTTCT  
 CTGTGGCCAGGAGATGAGCGGCCAGGGCTGGACATACAGTTTTGTGGGAGTTACGTAGAGATCTACAA  
 TGAGACCGTTCGAGACCTGCTAGCTACTGGGCCCGCAAGGGACAAGGGGCGAGTGTGAGATCCGTCGG  
 GCAAGCCAGGAAGTGAAGGACTTACTGTACCAATGCCCGCTATGTCCCTGTTTCTGTGAGAAAGAGG  
 TGGAGGCCCTGCTCCATTTGGCTCATCAGAACCGGGCTGTGGCCACACTGCCAAAATAAGAGATCATC  
 ACGCAGTCATAGTGTGCCAGCTGCAGATTTCTGGAGAGCATGCAGCTCGGGCCCTGCAGTGTGGCGCT  
 CCGCTCAACCTTGTGGACCTAGCTGGGAGTGAAGGGCTAGACCCTGGCTTACACCTAGGCCCTGGGAGC  
 GTGATCGTCTTCGGGAGACACAGGCCATTAACAGCAGTCTGTCTACACTGGGACTGGTATAATGGCCCT  
 GAGCAATAAGGAGTCCCACGTGCCTTACCGAAACAGCAAGCTCACCTACTTGCTGCAGAAGTCTCTGGGT  
 GGCAGTGCCAAGATGCTTATGTTTGTGAATATTTCTCCTCTGGAAGAGAAATGTCTCCGAGTCTCTGAAT  
 CACTACGCTTTGCTTCAAGGTGAACAGTGTGTCATTGGTACTGCTCAGGCTAATAAGAAG**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_001195298
- Insert Size:** 2025 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\\_001195298.1](#), [NP\\_001182227.1](#)

**RefSeq Size:** 2330 bp

**RefSeq ORF:** 2025 bp

**Locus ID:** 100502766

**UniProt ID:** [Q9QWT9](#)

**Cytogenetics:** 17 17.98 cM