

Product datasheet for **MC221696**

Kif3c (NM_008445) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Kif3c (NM_008445) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Kif3c
Synonyms:	mKIAA4058
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC221696 representing NM_008445
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGCCAGTAAGACCAAGGCCAGCGAGGCCCTGAAGTGGTGGCCCGGTGCCGCCCTCAGTAGGAAGG
 AGGAGGCTGCTGGTCATGAGCAGATTCTGACCATGGACGTGAAACTGGGCCAGGTGACTCTGCGAAACCC
 CCGCGCGGCACCCGGGGAGCTGCCAAGACCTTCACTTTTGATGCTGTGTATGATGCTAGCTCCAAGCAG
 GCCGACCTGTATGACGAAACGGTGAAGGCCCTGATAGACTCAGTGCTTCAGGGTTTCAACGGCACCGTAT
 TTGCTATGGCCAGACTGGCAAGACCTACACCATGCAGGGGACCTGGGTGGAGCCAGAGCTCCG
 CGGGTTATCCCGAATGCCTTTGAGCACATCTCACCCACATCTCCGCTCCAGAACCAGCAGTACCTG
 GTTCGTGCTTCTACTTGGAGATCTACCAGGAGGATCCGAGACCTGCTATCCAAGGAGCCAGGCAAGA
 GGCTAGAGCTGAAGGAGAATCCTGAAACAGGGTCTACATCAAGGACCTCTTCTCTTTGTACCAAGAA
 TGTCAGGAGATTGAGCATGTGATGAACCTGGGAACCAAGCCGAGCAGTGGGCAGCACCCACATGAAT
 GAGGTCAGCTCTCGGTCCATGCCATCTTTGTTATCACAGTGGAGTGCAGTGAAGCGTGGCTCTGATGGCC
 AGGATCATATCCGAGTAGGCAAGCTCAACCTGGTAGACCTGGCCGGCAGTGAAGACAGAAACAAGCTGG
 TCCCAACGCAGCTGGAGGGCCAGCCACACAGCCAAACAGCTGGTGGTGGGAGTGGAAAGTGGCAGCGTAGT
 GGTTCGCCAGCAGCGGAGAGAGGCCTAAGGAAGCTTCTAAAAAACAATCTCTCGCTGTCCGCCCTGGGCA
 ATGTGATTGCTGCTCTGGCTGGCAACAGGAGCACCCACATCCCTACCGGACTCCAAGCTAACCCGGCT
 GCTCCAAGACTCACTGGGGGCAATGCCAAGACCATCATGGTGGCCACTGGGTCCAGCTTCTCACAGC
 TACGACGAGACCTCTCTACCTGCGCTTTGCCAACCGAGCCAAGAACATCAAGAACAACCCGCGGTGA
 ACGAGGACCCCAAGGACACACTGCTGAGGGAATCCAGGAAGAGATCGCTCGCTTGAAGGCCCTGCTGGA
 GAAGAAGGGGATGCTGGGCAAGCGACCTCGGAGAAAGAGCAGTCGTAGAAAGAAGGCCGTCTGCCCCA
 GCCGGCTATCCAGAGGGTCCGTGATTGAGGCCTGGGTGGCCGAAGAGGAAGATGATAACAACAACAATC
 ACCACCCACCCAGCCATCTTGAGGAGCAGCTTTGGAGAAGAACAATGGAGAATTACCTGCAGGACCAGAA
 GGAACGGCTGGAGGAGGAGAAGGCTGCCATCCAGGATGACCGCAGCCTTGTGAGTGAGGAGAAGCAGAAG
 CTTCTAGAAGAGAAGGAGAAGATGCTGGAGGATCTACGGCGGGAGCAGCAGGCTACAGAGCTGCTTGCAG
 CCAAGTACAAGGCCATGGAAAGCAAGCTACTCATTGGGGGGCGGAACATCATGGATCACACCAACGAGCA
 ACAGAAGATGTTGGAAGTGAAGCGACAGGAGATTGCGGAACAGAAACGCCGTGAACGGGAAATGCAGCAG
 GAGATGCTGCTCCGCGATGAAGAAACCATGGAGCTACGTGGTACCTACTCATCCCTGCAGCAGGAGGTGG
 AAGTTAAAACCAAGAAACTCAAGAAGCTCTATGCCAAGCTACAGGCGGTGAAGGCCGAGATCCAGGACCA
 ACACGAAGAGTACATCCGCGTGGCGCAGGACCTGGAGGAGGCGCAGAATGAGCAGACCCGGGAACTAAAG
 CTCAAGTACCTCATCATTGAGAACTTATCCCCCTGAGGAGAAGAACAAGATCATGAACCGCCTTTTCC
 TGGACTGTGAGGAGGAGCAGTGGAGGTTCCAGCCACTGGTGGCAGCTGGAGTGAATAACAGCCAAATGAA
 GAAGCGTCCAACCTTCTGCGGTGGGCTACAAGAGACCTATCAGCCAGTATGCTCGGGTTGCCATGGCAATG
 GGGTCCCATCCCAGATACAGAGCTGAAAATAAATGTTTTTGGAACTGGATGTGTCCCACCGGCTATCT
 TTGAGATGGAGTTTTCTCATGACCAAGAGCAAGACCCACGGTACTACACATGGAGAGGCTCATGAGGTT
 GGACAGCTTTCTGAAAGACCGTCCACAACCTAAAGTGCAGAAAGTCGAGATCCTGGTGCCAGAGTCCTCAG
 CGGATGCCTCCACCCCTCCACAGCTCATGCATCCATGACCTCTGTCTTTGCACCCTGCAACAGTGGTAG
 ACCATGACTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul
ACCN: NM_008445
Insert Size: 2391 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:	<ol style="list-style-type: none">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_008445.2 , NP_032471.2
RefSeq Size:	6849 bp
RefSeq ORF:	2391 bp
Locus ID:	16570
UniProt ID:	O35066
Cytogenetics:	12 1.77 cM
Gene Summary:	Microtubule-based anterograde translocator for membranous organelles.[UniProtKB/Swiss-Prot Function]