

Product datasheet for **RN208529**

Kif3c (NM_053486) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Kif3c (NM_053486) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Kif3c
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN208529 representing NM_053486
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCCAGTAAGACCAAGGCCAGCGAGGCCCTGAAGTGGTGGCCCGGTGCCGCCCTCAGTAGGAAGG
 AGGAGGCTGCTGGTCATGAGCAGATTCTGACCATGGACGTGAAACTGGGCCAGGTGACTCTGCGAAACCC
 CCGCGCGGCACCCGGGGAGCTGCCAAGACCTTCACTTTTGATGCTGTGTATGACGCTAGCTCCAAGCAG
 GCCGACCTGTATGATGAAACGGTGAAGGCCCTGATAGACTCGGTGCTTCAGGGTTTCAATGGCACCGTAT
 TTGCTATGGCCAGACTGGCAAGACCTACACCATGCAGGGGACCTGGGTGGAGCCAGAGCTCCG
 CGGGTTATCCCAATGCCTTTGAGCACATCTCACCCACATTTCCGCTCCCAGAACCAGCAGTACCTG
 GTTCGTGCCTCTACTTGGAGATCTACCAGGAGGAGATTCGAGACCTGCTATCCAAGGAGCCAGGCAAAA
 GGCTAGAAGTGAAGGAGAATCCTGAAACAGGGTCTACATCAAGGACCTCTTCTCTTTGTCACCAAGAA
 TGTCAAGGAGATTGAACACGTGATGAACCTGGGAACCAAGCCCGGCAGTAGGCAGCACCCACATGAAT
 GAGGTCAGCTCCCGGTCCATGCCATCTTTGTTATCACAGTGGAGTGCAGTGAGCGTGGCTCCGATGGAC
 AGGACCATATCCGAGTAGGCAAGCTCAACCTGGTAGACCTGGCCGGCAGTGAGAGGCAGAACAAGGCAGG
 TCCCAACACACCTGGAGGGCCAGCCACACAGTCAACAGCTGGTGGTGGCGGCGGAGGTGGCGGCACTAGT
 GGTTCGGCAGTAGTGGAGAGAGCCCTAAGGAAGCTTCTAAAACTCAATCTTTCAGTGTCCGCCCTGGGCA
 ATGTGATTGCTGCTTTGGCTGGCAACAGGAGCACCCACATCCCTACCGGACTCCAAGCTGACCCGGCT
 GCTCCAAGACTCATTGGGGGCAATGCCAAGACCATCATGGTGGCCACACTGGGTCCAGCTTCTCATAGC
 TACGACGAGACCTCTCCACCTGCGCTTTGCGAACCGAGCCAAGAACATCAAGAACAACCCGCGGTGA
 ACGAGGACCCCAAGGACACGCTGCTTAGGGAATTCAGGAAGAGATCGCCCGCTTGAAGGCCCACTTGA
 GAAGAAGGGGATGCTGGGAAAGCGACTCGGAGAAAGAGCAGTCGCAGAAAGAAGGCCGTGCTGCTCCG
 GCCGGCTATCCAGAGGGGCGTAATTGAGGCTTGGGTGGCTGAAGAGGAAGATGATAACAACAATAATC
 ACCGCCACCCAGCCACCTGGAGGCGCTTTGGAGAAAACATGGAGAATTACCTGCAGGAACAGAA
 AGAGCGGCTGGAGGAGGAGAAGGCGCCATCCAGGATGACCGCAGCTCGTGAGTGAGGAGAAGCAGAAG
 CTTCTAGAAGAGAAGGAGAAGATGCTGGAGGATCTGAAGCGGGAGCAGCAGGCCACAGAGCTGCTTGACG
 CCAAGTACAAGGCCATGGAAAGCAAGCTACTCATTGGGGGCGGAACATCATGGATCACACCAACGAACA
 ACAGAAGATGTTGGAAGTGAAGCGACAGGAGATTGCAGAACAGAAACGGCGTGAACGGGAAATGCAGCAG
 GAGATGCTGCTCCGAGATGAAGAGACCATGGAGCTACGTGGTACCTACTCGTCCCTGCAGCAGGAGGTGG
 AAGTAAAACCAAGAACTCAAGAAGCTCTATGCCAAGCTACAGGCGGTGAAGGCAGAGATCCAGGACCA
 ACATGAGGAGTACATCCGCGTGGCGCAGGACCTGGAGGAGGCGCAGAATGAGCAGACCCGGGAACCTAAG
 CTCAAGTACCTCATCATTGAGAACTTATCCCCCTGAGGAGAAGAACAAGATCATGAACCGGCTTTTCC
 TGGACTGTGAGGAGGAGCAGTGGAAAGTTCAGCCCTGGTGGCAGCTGGAGTGAATAACAGCCAAATGAA
 GAAGCGTCCAACCTTCTGCAGTGGGCTACAAGAGACCTATCAGCCAGTATGCTCGGGTTGCCATGGCAATG
 GGGTCCCATCCCAGATACAGGGCTGAAAATAAATGTTTTTGGAACTGGATGTATCCCGCCGCGCATCT
 TTGAGATGGAATTTTCTCATGACCAAGAACAAGATCCACGAGTACTACACATGGAGAGGCTCATGCGGTT
 GGACAGCTTTCTGGAGAGACCTTCCACGTCTAAAGTGCAGAAAGTCGAGATCCTGGTGCCAGAGTCCCTAG
 CGGCTCCACCCTCCACAGTTATGCCTCCATGGCCTCTGCTCCTCTGCACCCTGCAACAGTGGTAG
 ACCATGACTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_053486
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_053486.1 , NP_445938.1
RefSeq Size:	3419 bp
RefSeq ORF:	2391 bp
Locus ID:	85248
UniProt ID:	O55165
Cytogenetics:	6q14
Gene Summary:	may be a vesicle associated microtubule motor protein involved in muscle cell function [RGD, Feb 2006]