

Product datasheet for **RN213243**

Kif5c (NM_001107730) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Kif5c (NM_001107730) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Kif5c
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF:

>RN213243 representing NM_001107730

Red=Cloning site Blue=ORF Orange=Stop codon

 TTTTGAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGCGGATCCAGCCGAATGCAGCATCAAAGTGATGTGCCGGTCCGGCCCTCAACGAAGCTGAGATCC
 TCCGCGGGGACAAATTCATCCCAAATTCAAAGGCGAGGAGACGGTGGTATCGGGCAAGGGAAGCCGTA
 TGTCTTTGACCGAGTCTGCCGCCAACACAACCCAGGAGCAGGTCTACAATGCCTGTGCCAAGCAGATT
 GTCAAAGATGTCCTCGAGGGTTACAATGGGACAATTTTTGCATACGGGCAGACTTCATCAGGAAAACTC
 ATACCATGGAGGGGAAGCTGCACGATCCTCAGCTTATGGGTATCATACCCAGGATCGCACACGATTTTT
 CGATCACATCTATTCCATGGATGAGAACTTGGAGTTTCATATCAAGTTTCTATTTTGAGATCTACTTG
 GACAAAATAAGGGACTTGCTTGACGTGTCCAAGACCAACTGGCTGTTTCATGAAGACAAAAACAGAGTCC
 CCTATGTAAGGGGTGCACCGAGAGTTTGTGTCAAGCCCGAGGAGGTGATGGATGTGATCGATGAGGG
 CAAAGCAAACCGACATGTGGCTGTGACAAACATGAACGAACACAGCTCCAGGAGTCACAGTATCTCCTG
 ATTAACATTAAACAAGAGAATGTGGAGACTGAAAAAACTCAGCGGGAAGCTGTATTTGGTTGATTTGG
 CTGGGAGTGAAGAGTCAAGAAAAGTGGTCCGAGGGAGCTGTTCTTGATGAAGCTAAAAATATCAACAA
 GTCTTTGTCTGCTCTTGAAATGTGATCTCTGCCTTGGCAGAAGGGACAAAAACACATGTGCCATACCGG
 GACAGCAAGATGACTCGGATTCTCCAGGACTCTCTGGGTGGGAAGTGCAGGACCACCATTGTCAATTTGCT
 GTTCTCCTTCAGTCTTCAATGAGGCTGAGACCAAGTCCACGCTGATGTTTGGACAGAGAGCAAAGACCAT
 CAAGAATACAGTCTCTGTGAAGTGAAGTAAACAGCAGAAGAATGGAAGAAGAAATGAAAAAGAGAAA
 GAGAAGAATAAGGCCCTGAAGAGTGTCAATCCAGCATCTGGAGGTGGAGCTGAACAGGTGGAGGAACGGGG
 AAGCTGTGCCTGAGGATGAACAGATCAGTGCCAAGGACCAGAAGAACCTGGAGCCCTGCACAACACACC
 CATCATAGACAACATCACACCTGTGGTTGACGGCATCTCTGCTGAGAAAAGAGAAGTATGACGAGGAAATC
 ACCAGTCTGTACCGACAGCTGGATGACAAGGACGATGAAATTAACAGCAGAGCCAGCTGGCTGAAAAGC
 TGAAGCAACAGATGTTGGATCAGGACGAGCTTCTAGCTTCCACCAGAAGGGACTACGAGAAAAATCCAGGA
 GGAGCTGACCCGCTCCAGATTGAAAACGAGGCGGCTAAAGACGAGGTGAAGGAGGTCTCCAGGCCCTG
 GAGGAGCTGGCTGTCAATTACGACCAGAAGTCAAGGAAGTGGAGGACAAGACCCGGGCCAACGAGCAAC
 TGACCGATGAGCTGGCCAGAAAACGACGACACTGACAACCACCCAGCGGGAGCTGAGTCAGCTACAGGA
 GCTTAGCAACCACCAGAAGAAGAGGGCCACGGAGATCCTGAACCTGCTTCTCAAGGATCTGGGCGAGATA
 GGTGGAATTATCGGCACCAACGATGTGAAGACCCTGGCAGATGTGAATGGAGTCATCGAAGAGGAGTTCA
 CCATGGCCCGCTGTACATTAGCAAGATGAAGTCGGAGGTCAAGTCTCTCGTGAACCCGACGAAGCAGCT
 GGAGAGCGCCAGACGGACTCCAACAGGAAGATGAATGCCAGCGAGCGGGAGCTGGCAGCTTCCAGTTG
 CTTATCTCGCAGCATGAAGCCAAGATCAAGTCTCTGACAGACTACATGCAGAACATGGAACAGAAGAGGC
 GGCAGCTGGAAGAGTCCGAGGACTCCCTCAGCGAGGAGCTGGCCAAGCTCCGGGCCAAGAAAAATGCA
 CGAAGTCAGTTTCCAAGATAAGGAAAAGGAGCACCTGACGAGGCTGCAGGATGCTGAGGAAGTGAAGAAG
 GCTCTGGAGCAGCAGATGGAGAGTCAACGGGAAGCGCACCAAAAGCAGCTGTCCAGACTTCGTGATGAGA
 TTGAGGAGAAGCAGAGAATCATTGATGAGATTCGGGATTTGAATCAGAAGCTGCAACTGGAACAGGAGAG
 GCTCAGCTCTGATTATAACAAGCTGAAAAATAGAGGACCAGGAGAGAGAAGTGAAGCTGGAGAAGCTCCTA
 TTGCTCAATGACAAAAGAGAGCAAGCCAGGGAGGACCTCAAGGGACTGGAAGAGACTGTGTCAGAGAAC
 TCCAGACTCTTCAACCTGCGCAAACCTTTCGTCAGGACTTGACCACCCGGGTAAAAAGAGTGTGGA
 GCTGGACAGCAGCATGGAGGGGTAGTGCCGCCAGAAAGCAGAAGATCTCCTTCTGGAGAACAACCTG
 GAGCAGCTTACCAAGGTGCACAAGCAGCTGGTCCGGGACAATGCGGATTTGCGCTGTGAACCTCCCAAGC
 TGGAGAAGAGGCTCCGTGCTACTGCAGAGCGTGTCAAGGCCTGGAGAGTGCCTCAAAGAGGCCAAGGA
 GAATGCCATGAGGGACCGAAAGCGCTACCAGCAGGAAGTGGATCGCATCAAGGAGGCTGTGCGGGCCAAG
 AACATGGCCAGGAGGGCACATTCGGCTCAGATCGCCAAGCCATCCGCCAGGACACTATCTGCATCAT
 CTCCAACAGCCGTCCATGCCGTCCGGGGAGGAGGTGGATCTTCAAACCTCACTCACTACCAGAAG**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-MluI

ACCN:	NM_001107730
Insert Size:	2868 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:	<u>NM_001107730.1</u> , <u>NP_001101200.1</u>
RefSeq Size:	3702 bp
RefSeq ORF:	2868 bp
Locus ID:	311024
Cytogenetics:	3q12