

Product datasheet for **RN200904**

Kif3b (NM_001106529) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Kif3b (NM_001106529) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Kif3b
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN200904 representing NM_001106529
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGTCCAAGTTAAAAAGCTCAGAGTCAGTCCGGTGGTAGTTCGTCGTCGGCCTATGAATGGCAAGGAAA
 AGGCTGCTGCTTATGACAAGGTGGTAGATGTGGATGTGAAGCTGGGGCAGGTGTCTGTGAAGAACCCCAA
 AGGCACATCCCATGAGATGCCAAAGACCTTCACCTTTGATGCTGTATATGATTGGAACGCCAAGCAGTTT
 GAACTCTATGATGAGACATTCGACCACTTGTGGACTCTGTCCTGCAGGGTTTCAATGGCACAATTTTTG
 CCTACGGACAAACAGGAAGTGGGAAAACCTATACCATGGAAGGAGTCCGTGGTACCCTGAAAAAGAGG
 GGTCAATCCCAACTCCTTTGATCACATCTTACCCACATCTCTCGATCGCAGAATCAGCAGTATCTGGTC
 AGGGCATCTTACTTAGAGATCTATCAGGAAGAGATCCGAGACTTGCTTTCAAAGGATCAGACCAAAAGGC
 TGGAGCTCAAAGAGAGACCAGATACAGGAGTGTACGTGAAGGATTTGTCGCTTTTTGTCCAAAGAGTGT
 GAAGGAGATAGAGCATGTGATGAATGTGGGAAACCAGAACCGGTGGTGGTCCACCAACATGAACGAG
 CATAGCTCGCGGTCCGATGCGATCTTTGTCATCACGGTTGAATGCAGCGAGGTGGCCTGGACGGTGAAA
 ACCACATCCGAGTAGGAAAAGTGAACCTTGTAGATCTTGTGGCAGTGAGCGGCAAGCCAAGACTGGAGC
 TCAAGGGGAAAGACTGAAGGAAGCGACCAAGATCAACCTGTCCCTTTCAGCCTTGGGTAATGTTATCTCT
 GCCCTTGTAGATGGCAAAAGCACCCATATTCATATAGAGACTCAAACTGACCAGGCTTCTCCAGGATT
 CCCTTGGTGGCAATGCCAAAAGTGTGATGGTAGCCAATGTGGGGCCTGCCTTTACAATGTAGAAGAGAC
 CCTGACCACTCTGAGATGCCAAACCGTCCAAAAACATTAAGAACAAGCCAAGGGTCAATGAGGACCCA
 AAGGATGCTCTGCTTCGTGAATTCGAAGAAGAAATTCGCGCTCAAGGCCAGCTGGAAAAACGTTCCA
 TTGGCAGGAGGAAGAGGGCGAGAGAAGCGGAGGGAAGGTGGTGGCAGTGGTGGGGTGGGGAAGAGGAGGA
 GGAGGAGGAGAAGAGGGTGGAGGAGAAGGGGATGATAAGGATGATTACTGGCGGGAACAGCAAGAAAAA
 CTGGAGATTGAGAAGCGGCCATTGTAGAGGACCACAGCTTGGTTCAGAGGAGAAGATGAGGCTGCTGA
 AGGAGAAGGAGAAAAAGATGGAGGACCTGCGCGGGGAGAAGGACGCTGCTGAGATGCTGGGTGCCAAAAT
 CAAGGCCATGGAGAGTAAGCTGCTTGTGGAGGAAAAATATAGTAGATCATACAAACGAGCAGCAGAAG
 ATCTTGGAAACAGAAGCGCCAGGAGATCGCAGAGCAGAAACGTGAGAAAGAGAAATTCAGCAGCAGATGG
 AGAGTCGAGATGAGGAGACCTTGGAACTGAAAGAGACGTATACCTCATTGCAGCAAGAGGTAGACATCAA
 GACCAAAAACTCAAAAAGCTATTTTCCAAGCTTCAGGCTGTGAAGGCTGAGATCCATGACCTCCAAGAA
 GAACACATCAAAGAGCGCCAGGAGCTGGAGCAGACGCAGAATGAGCTCACCAGAGAGCTAAAGCTCAAGC
 ATCTTATTATAGAAAACCTTATTCCTTGGAGAGAAGAATAAAATTATGAATAGATCCTTTTTTGTATGA
 TGAAGAAGACCATTGGAATTACATCCTATAACCAGACTGGAGAACCAGCAGATGATGAAGAGGCCAGTC
 TCTGCCGTAGGATACAAGAGACCACTGAGCCAGCATGCACGGATGTCCATGATGATTCGGCCAGAGCCCC
 GGTACAGGGCAGAGAACATCATGCTCTTGGAGTTAGATATGCCAGCCGGACAACCAGAGACTATGAGGG
 CCCAGCAATTTCTCCAAGGTTCAAGGCTGCACTGGATGCAGCTCTGCAAGATGAGGATGAGATACAGGTG
 GATGCCTCTTCTTTGAAAGTACTGCAATAGAAAAGCCAAGGCCAGGCCTAAGAGTGGCAGGAAATCAG
 GAGCCTCCTCTCTCCTCAGGAAACCTGCATCTCAGTTTTACCCACAGTCTCGGGGGCTGGTCCCAA
 GTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001106529

Insert Size: 2244 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_001106529.1, NP_001099999.1</u>
RefSeq Size:	5604 bp
RefSeq ORF:	2244 bp
Locus ID:	296284
Cytogenetics:	3q41