

## Product datasheet for RN202262

### Kif26b (NM\_001109079) Rat Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Kif26b (NM\_001109079) Rat Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Kif26b  
**Synonyms:** RGD1560022; RGD1560572  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >RN202262 representing NM\_001109079  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGAATTCGGTAGCTGGAATAAAGAGAGGCTCGCGGTCTCCACCAGGGGCAAGAAATACGGGGTGAATG  
 AAATGTGCTCGCCACCAAGCCCTCTGCGCCCTTCTCTCCTGAGAGCTGGTACCGCAAGGCTTACGAGGA  
 GTCGCGCGCCGGGAGCCGACCCACCCCGGAGGGAGCAGGTTCTGCGCTGGGCTCTTCGGGTACTCCGTCC  
 CCGGGTTCGGGCACTTCGTCCCCGAGCTCCTTACCCGGCTCTCCAGGACCGGCTCTCCGGGCATCGGTA  
 CCAGCTCGCCGGGCTCCCTGGGCGGCTCGCCGGGCTTCGGCACCGGCTCCCTGGCTCGGGCAGCGCGG  
 CGGCTCCTCCCCCGGCTCCGACCGGGGCTCTGGTGCAGAACTGTAACGCCCGCTTGGTGGAGCTGAAG  
 AGGCAGGCTCTCAAGCTGCTGCTGCCGGGACCCCTCCCGGCAAGGACCCCGCTTCTCTGCTGTGATTC  
 ATGACAACTCCAGTCCCTAATACCATCAGGAAGTCGTGGAATGACCGAGACAACCGCTGTGACATTTG  
 TGCCACACACTGAACCAGCTGAAACAGGAAGCCATCAAATGGTGTGACCTTGAGCAGGCAGCTGGC  
 AGTGAGCACTATGATGCCTCTCCGGGCTCACCCCTGCCATCAACAGCATTCCCGCGCTGGTGGGTCCC  
 GGCACATGGGTGGGCTCCAGCAACCCAGGAGTGGGCTTTGTGCCTGCCCTATGCCACCTTACCTA  
 CACAGGCCTTGTCAACAACACAGTGGCAAACCAACAGCCTTGGGGTCAGCAACGGAGCAGAAAAGAAG  
 AGTGGATCCCCAACCCAGGCAAGGTGAGCCTCCAGATGGCCACCAGTCCCAGCAATGAAACACCC  
 TTAACCTCGGTGGCCATTAGGCTCATCAATATCTGGACGGAACCTGGTCCCTTTCAAGAACCAATGGGGT  
 TACCCTGTACCCCTACCAGATCTCCAGCTGATGACAGAGACCGCCGTGAGGGACTGACAGAGTACGCG  
 CTCAACCGTTACAATGCTGACAAGCCTGCAGCCAGCAGTGTCCCAGCCCCACAGGGTTCTGTGTGGCCA  
 GTGAGACTTCCACAGGGACCTCGGTGGCCGCTTCTTCTTCGCACGAGCTGCCAGAAGTAAATCTGTC  
 ATCTAAGAAGAAGAAACACCGGCCGTGACCCCGTCTGTTGCGGAGGCTCCCTCTTTGCCACCAGCTTC  
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 AACTCTGGCATGGGCAAGGTGAAAGTATGCTGCGTATCTGTTCCGCTCGGCCCGAGACACCTCAGA  
 ATCCAGCTCTTCTGAAGGTGGATCCACGGAAGAAGCAGATCACCTGTACGACCCCTGACCTGTGGA  
 GGTCAATGCCTTCAAAAAAGAAGCAGCCAGGTCCTCCCAAGATGTTGCCTTCGATGCGGTTTTCC



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CACAAGATGCTTCTCAGGCTGAAGTTTGTGCTGGAACCGTGGCCGAAGTCATTCAGTCTGTGGTGAACGG  
 GGCAGATGGCTGTGTGTTCTGTTTTGGCCATGCCAAGCTGGGAAATCCTACACCATGATCGGAAGGGAT  
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 GCGAGATGAGCGCGGGCAGTGAACGGAGAGCAGTCTGCCACAGCTTCATAGCACAGAGCTGCTTCGGGCA  
 CGGGGAAGCCATGGCTGAACCGCCCCAGCCTCTGAGTTTGTGAGAGGCATCCAGAACCGGGCGCCGGCG  
 GCAGCGACAGCGGCGAGTGGTGTGAGAGAGAAGACCGAGGTGGGCCCTGACAACCTGCTCATCTGTCTG  
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 CATGGTACCACATCTAACACTGCCAGTCTGAGCAGCTGCGAGGGGTATATCCCCATGAAGACCAACATC  
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 AGGCAAGCCCCAAAACATCTCAGTTCCAGGAGAGCAAGGAAACAGTACAAGGAGGGAGATGAAATTTGA  
 GGATCCCTGGCTTAAACGAGAAGAGGAAGTGAAGAGGGGAGAACAATTAAGTCAAGCGAGGAAGGGTGAAG  
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 ACAGGCTAAGCAGCAGCAGCTTGGAGGCAGCCACCTTTCAAGTACCGACAACATTAGGAGGGTTGTGGA  
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 AGCAGCCTCCCAAGGGCATTTCAGAAAGCCGACAGGCACGAGGAGCTGGACAGCTTCTACCATTGCTTGG  
 CAGACAGCAATGGCTTCAAGTGTGTCCCGGCATCCAGTCTCGAAGACAACCTGGAGAGGAAAGTACG  
 TTCACCAAGCATTGTGCTTGGCAAGACCCAAAGGGACCCGCTCTGCCTCTGTCCGCAAGTCTAGC  
 TTGGACCAGAAGAAGAGGCGCAGCCCTAACACAGTGTGGTGGCAGCAGCACCAGCAGCCCTGAACC  
 AGCCAGCTACCTTCTGGCTTGGCTTCCCTGAGGAGTCCAACAGCAAGACTAAGGATGCCAGTACGAGCAG  
 TAAGCTCTTACGCGCAAGCTGGAGCAGCTGGCCAGCAGAAACCACTCTTGGCAGGACAACAGTACG  
 CACTATGAATGCTTGTGCTTGGAGAGGGCCGAAAGCCTGTGCTCCGTAAGCTCCCGCATGCATGCCAGCA  
 AAGACAGTACCATGCCCCGCACTGGCAGGAGCCTGGTTCGAGCAGCAGGAGCCTCGCCACCAGCTGTGG

CATCACCCAGTCTGCAGGGGCTCTCCAAAGCCAGCCAGTCTAAGATCTCAGCGGTGAGCAAACCTCCTG  
 CTGGCCAGCCCTAAATCCCGCAGCAGCCTGTCCACCTCGACCACCAAACCCCTCAGCTTCTCCACCAAGT  
 CCCTGCCGCGAGTCTGTGGGCCAGAGCTCCAACCTACCGCCAGCGGGAAACACATGTCTGGTCCACGCA  
 GTCGCTCAGCAGGAACCGGGGCTCTGGGCTGGCTTCAAACCTGCCTTTAAGAGCCGTCAATGGGCGCATC  
 TCGAACTGCTCCAGGGCAGTGGGGCCGAGGGGTGCACAGCTTCGGGCAGAGGCGGAGGAGCGCAGTG  
 GGGCCCCACGGAGGAAAAGCCCGCAGCCGCCACCTGCTGCCCTCGCCCTACAGCAAGATCACCCCTCC  
 GAGGAAGCCGCACCGCTGCAGCAGTGGGCACGGTAGTGATAACAGCAGCGTCCTGAGCGGGAGCTGCC  
 CCTGCCATGGGAAGACTGCCCTGTTCTACCACAGCGGCGCAGCAGTGGCTATGAGAGCATGATGAGAG  
 ACAGCGAGGCCACCGGCAGCGCATCTCGGCCAGGACTCCATGAGCGAGAACAGCAGCTCCGTGGGAGG  
 GAGGTGCAGGAGCCTCAAGACCCCAAAGAAGCGGTCCAATTTCAGGTTCCAGAGACGGAGGCTCATTCCA  
 GCATTGTCTTTGATACCCCTCGCTGTGAGAAAAACAGCCAGCAGCACAGGGGTCGCTGGGTGGACG  
 GCCCTTGAGGAGCACCCAGAGGAGCCTTGGGGAACCATTTGAGATCAAAGTCTATGAGATTGATGACGT  
 TGAGCGTCTACAGCGACGTGGGGAGCTACCAGCAAGGAGGTATGTGCTTCAATGCCAAGCTGAAAATC  
 CTAGAACATCGGCAGCAGAGAATCGCTGAGGTCCGAGCCAAGTACGAGTGGCTGATGAAAGAGCTGGAGG  
 CGACAAACAGTACCTGATGCTGGACCCCAACAAGTGGCTTCGTGAATTTGACTTGAACAGGTCCTGCA  
 GCTGGATTCCCTGGAGTACCTAGAGGCACTGGAGGGAGTGACAGAGCGCCTAGAGAGCCGTGCAACTTC  
 TGCAAGGCCCATCTCATGATGATCACCTGCTTTGACATCACCTCCAGGCGTCGGTAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM\_001109079
- Insert Size:** 6357 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\_001109079.2, NP\_001102549.2
- RefSeq Size:** 7439 bp
- RefSeq ORF:** 6357 bp
- Locus ID:** 305012
- Cytogenetics:** 13q26