

Product datasheet for **MC202565**

Kif26b (NM_177757) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Kif26b (NM_177757) Mouse Untagged Clone
Tag: Tag Free
Symbol: Kif26b
Synonyms: 4832420M10; BC056349
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC056349 sequence for NM_177757
 GCCTTCCAGAAAAGAAGCAGCCAGGTTCCCTCCGAAGATGTTTGCCTTCGATGCTGTTTTCCACAAGATG
 CTTCTCAGGCTGAAGTTTGTGCTGGAAGTGTGGCCGAAGTCATCCAGTCTGTGGTGAACGGGGCAGATGG
 CTGTGTGTTCTGTTTTGGCCATGCCAAGCTAGGGAAATCCTACACCATGATCGGAAAGGGAGCACTATG
 CAGAACCTGGGCATTATTCCATGTGCTATTTCTGGCTGTTCAAGCTTATCAATGAGCGCAAAGAGAAGA
 CGGGGGCCGATTCTCAGTCCGCATCTCAGCCGTTGAGGTGTGGGGAAAAGAGGAGAACCTTCGAGACCT
 GTTGTCTGAGGTGGCCACGGGCAGCCTACAGGACGGGCAGTCCCCAGGCGTGACCTCTGTGAAGACCCC
 ATCTGTGGCACACAGCTGCAGAACCAGAGTGAGCTCCGGGCCCCACCAGAGAAAAGCTGCCTTCTTCC
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 TATGCTCTTACCCTGCACATCTACCAGTACCGGATGGAGAAGAGCGGGAAGGGTGAATGTCTGGAGGT
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 CGGGGCTGTGCCTCTCACTGTCTGCTCTGGCAACGTCATCCTGGCTTTGGTCAACGGGAGCAAGCACAT
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 GAGTCTTAAGGATGAAGAAGAAGAAGACCAAGTACACATCAAGCTCCTCTGGGGAGAAAGCTCCTGTGA
 GGAAGGCAGAAATGCGCAGGCCACCCAGCTGAGACCTTCCATGCCCGGGCTCCGGTGGATCCAGAAATC
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 AGCAAGTCAGAAAAGGACTGTCTGAAGTCAATACGTTTTGCTGAGCTGCAGGAAAAGACTAGATTGCATAG
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 CCTCAGAGTACAAACCTCCAGTCTCCCTCTCAGAGGTGCAAAGTCTACACCCAGAAGGGGGTCTGCTCC



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CTCCTCTGCCCCACCACCTTCCCTGAGCAAGGACTCTGGCATGGTCTCCAGTGAATCCTTGCTTCAGCCC
 GACGTGCGCACTCCCCAGTTGGAATGAGTCCCCAGGTTTTGAAGAAATCCATGTCTGCCGGGAGCGAAG
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 GAGCACCACAATGGTGACTGTGCAACAGCCCCTGGAGTGAATGGTGAGGATGAGTTGGTCTTCACACTG
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 CCAACCTACCGCCAGCGGAAACACATGCTCCTGGTCCACCCAGTCGCTCAGCAGGAACCCGGGCTCTGG
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 CCGCCACCTGCTGCCCTCGCCCTACAGCAAGTACCCCTCCGAGGAAGCCGCACCGCTGCAGCAGCGG
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 TACCACAGCGGAGGCAGCAGTGGCTACGAGAGCATGATGAGAGACAGCGAGGCCACCGGCAGTGCATCCT
 CAGCCCAGGACTCCATGAGCGAGAACAGCAGCTCCGTGGGAGGGAGATGCAGGAGCCTAAAAACAAAA
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 GAGGGTGACATGGGATTACCATGGAGAACGAAACCAACAAGATGACCCAGAATGATGGATTAAGTGCC
 TTGCAATCTTTATGATTATCCAAACATTTGTGTCCGTACTTTCTTGTGTCCAGATGGTGCTAGTCAAGAA
 GAAATCAACAAAACAGAAAACCTCAACCCAGTTTTTGAATGTATTGACGGCTTGTCTTCTTGGTATTT
 TTCTTTGTTTCTGATTTGCTGTTTGTCTAAGAAGTTGTGTTGTAGTGATGTCTCCTAATCGGTATT

GCAGCTGAATAAATGTTAACTGTCAAAAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites:	Ascl-NotI
ACCN:	NM_177757
Insert Size:	4653 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:	BC056349 , AAH56349
RefSeq Size:	5508 bp
RefSeq ORF:	4653 bp
Locus ID:	269152
Cytogenetics:	1 83.16 cM
Gene Summary:	Essential for embryonic kidney development. Plays an important role in the compact adhesion between mesenchymal cells adjacent to the ureteric buds, possibly by interacting with MYH10. This could lead to the establishment of the basolateral integrity of the mesenchyme and the polarized expression of ITGA8, which maintains the GDNF expression required for further ureteric bud attraction. Although it seems to lack ATPase activity it is constitutively associated with microtubules.[UniProtKB/Swiss-Prot Function]