

Product datasheet for SC113797

KIF26B (NM_018012) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	KIF26B (NM_018012) Human Untagged Clone
Tag:	Tag Free
Symbol:	KIF26B
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_018012, the custom clone sequence may differ by one or more nucleotides

```

ATGAATTCGGTAGCTGGGAATAAAGAGAGGCTTGC GGCTCCACCAGGGCAAGAAATACGGGGTGAATG
AAGTCTGCTCGCCACCAAGCCCGCAGCGCCCTTCTCCCGGAAAGCTGGTACCGGAAAGCATACGAGGA
GTCGCGCGCCGGCAGCCGGCCACTCCTGAGGGCGCGGGCTCAGCGCTCGGCTCCTCGGGGACCCCGTCT
CCCGGCTCGGGCACCTCGTCCCGAGCTCGTTCACCGGCTCCCGGGACCCCGCTCCCGGGCATCGGCA
CTAGTTCGCGGGCTCCTTGGGCGGCTCCTCCGGGCTTCGGCACAGGCTCCCGGGCTCCGGCAGCGGGCGG
CGGCTCCTCCCGGCTCGGACCGCGGCGTCTGGTGCGAGAAGTCAACGCCCGCTGGTGTGATGATTC
AGGCAGGCCCTGAGGTTGCTCCTCCCGGGCCCTCCCGGGGACCGCTGCTTCTCGGCTGTGATTTC
ACGACAAAACCTCCAGTCCCAACACCATCCGGAAGGCATGGAACGACCGGACAACCGCTGTGACATTTG
CGCCACTCACCTGAACAGTTGAAGCAGGAGGCCATCCAGATGGTGTGACGTTGGAGCAGGCAGCCGGC
AGTGAGCACTACGACGCTCGCCCTGCTCCCGCCACCGCTCTCCAACATCCCAACCTGGTGGGTCCC
GGCAGTGGTGGGCTCCAGCAGCCAGAGACTGGGCTTTGTGCCCGCCCTGTGCCACTCCAATA
CACAGGCTTCGCAACAAGCAGGCAGCAAAACCCAGCAGCCTGGGGTCAAGTGGGGCGAAAAGAA
AGCGGGTCCCAACCCACAGGCCAAGGTGAGCCTCCAGATGGCCACCGTCAAGCAATGGGAACATCC
TCAATTCGGTGGCATCCAGGCTCACCAGTACCTGGATGGCACCTGGTCCCTGTGAGAACAACGGGT
CACCCTGTACCCATACCAGATCTCCAGCTGATGACAGAGAGTAGCCGGGAGGACTAACAGAAGCAGTG
CTGAACCGCTACAATGCAGACAAGCCTTCCGCCTGCAGTGTCCAGCCTCGCAGGCTCCTGCGTGGCCA
GCGAGACTTCCACAGGCACATCGGTGGCCGCTCCTTCTTGCACGAGCTGCCGAGAAGTTAAATCTGTC
TTCTAAAAAGAAGAAACATCGGCCTTCCACTTCTTCCGCTGCCGAACCCGCTCTTTGCAACCGCTTC
AGTGGGATTCTGCAGACCTCCCTCCCGACCCACCGCTGCCTGCTGAGGGTGTCAACAAGGTGAAGG
ACACCCGGGGCTGGCAAGGTGAAAGTCAATGCTTCGATCTGTTCCACCTTGGCTCGAGATACTCAGA
ATCCAGCTCTTTCTTAAAGGTGGACCCACGGAAGAAGCAGATCACCTGTACGATCCCTGACTTGTGGA
GGTCAAAATGCCTTCCAAAAGAGAGGCAACCGGTTCTCCAAAGATGTTTGCCTTCGATGCAGTTCATC
CACAAGACGCTTCTCAGGCTGAAGTGTGTGACAGCACCGTGGCAGAGGTGATCCAGTCTGTGGTCAACGG
GGCAGATGGCTGCGTGTCTGTTTCGGCCACGCCAAACTGGGAAAATCCTACACCATGATCGGAAAGGAT
GATTCCATGCAGAACCTGGGCATCATTCCCTGTGCCATCTTGGCTCTTCAAGCTCATAAACGAACGCA

```



[View online >](#)

AGGAAAAGACCGGCGCCCGTTTCTCAGTCCGGGTTTCGCGCGTGGAAAGTGTGGGGGAAGGAGGAGAACCT
 GCGGGACCTGCTGTGCGGAGGTGGCCACGGGCAGCCTGCAGGACGGCCAGTCCCGGGCGTGTACCTCTGT
 GAGGACCCCATCTGCGGCACGCAGCTGCAGAACCAGAGCGAGCTGCGGGCCCCACCGCAGAGAAGGCTG
 CCTTTTTCTGGATGCCGCCATTGCCTCCCGCAGGAGCCACCAACAGGACTGTGATGAGGACGACCACCG
 CAACTCACACGTGTTCTTCACTGCACATCTACCAGTACCGGATGGAGAAGAGCGGGAAAGGGGAATG
 TCTGGAGGTCGCAGCCGCTGCATCTCATTGATCTCGGCAGCTGTGTAAAGCTTTAGCAAAAATCGAG
 AAGGAGGCTCAGGGCTGTGTCTCTCGCTGTCTGCTCTGGCAATGTCATCCTGGTCTCGTCAATGGCAG
 CAAACACATTCCATACAAAGAGAGCAAGCTCGCCATGTTGCTGCGGGAGTCTCTGGGAACATGAACTGC
 CGTACCACCATGATCGCGCACATCTCGGCCGCGTCTGGGAGCTACGCGGAGACCTGTCCACCATCCAGA
 TTGCATCGAGAGTCTTGAGGATGAAGAAAAAGAAGACGAAGTACACATCCAGCTCGTCCGCGGGGAGAG
 CTCCTGCGAAGAAGGCCGATGCGCAGGCCACCCAGCTGAGACCTTCCACACCAGGGCCACGGTGGAC
 CCTGACTTCCCCATCGCTCACCTGTCCAGCGACCCCGACTACTCCTCCAGCAGCGAGCAGTCTGCGACA
 CCGTCACTACATCGGGCCCAACGGCACGGCCCTCTGTACAAGGAGCTCACGACAACGAGGGCCCCC
 AGACTTTGTCCCTATCGTGCCAGCCCTGCAGAAGACCCGGGGCGACAGCCGGCCCCGAGAGGCGAGGAG
 GCTGCAGCCGGCAAGTCAGAAAGGACTGCCTGAAGTGAACACGTTTCCGAGCTGCAGGAGAGGCTGG
 ACTGCATCGACGGCAGCGAGGAGCCAGAGCTTTCCTTTGAAAGAACTGCCTGCAGTTTGGGCCAGA
 GCAGGCAAGCAGAGGCCCGGTTAAGCCAAGCAGCGGGGCAAGCCACTCTCTGAGTCTGATAAGGAA
 GATAATGGGTCCGAAGGTCAGCTGACCAACAGAGAAGGCCCTGAACTCCCAGCCTCCAAGATGCAGAGGA
 GTCACCTCACCTGTGCCGCCGCGGCACCCGCCACAGCCCAGCCGGCCTCACCCAGGAGCGTCCCGGG
 CAGCAGTAGCCAGCACAGCGCTCCCACTCGTGACAGAGCCAGCCTCCAGAGCAGCCGGGAGAGCCTC
 AACTCTGCGGCTTCGTGGAAGGCAAGCCAGGCCATGGGCTCCCCCGGCTGGCATCGCCAGCCTGT
 CCAAGACCTCGGAGTACAAGCCACCCAGCTCTCCTTCCAGAGATGCAAAGTCTACACCCAGAAGGGGT
 CCTGCCGTCTCCGCCCCACTGCCTCCCTCGAGCAAGGATTCCGGCGTGGCGTCTAGGAGCTCTGTCTG
 CAGCCCCAGGTGCGTACGCCCGGTTGGAATGAGCCCCAGGTTTGA AAAAATCATGTCTGTGGGA
 GCGAAGGGTTCGCGAAACTCCTGTGATGATGAGCAGCAGGAGCTACTCCTCAGAGTCCAAGAAGGA
 GATCCTGAGCACCACGATGGTGACGGTGCAGCAGCCTGGAGCTGAACGGTGGAGCAGGCTGGTGTTC
 ACGCTGGTGGAGGAGTGACCATCAGCGGGTCTGGACAGCGCCGCCACCAGCATCATCAGCTTCA
 ACAGCGACTGCTGACGGGCCCTGGCTCGGGCTCGCGGCCGTGAGCATCATCAGCAGCATCAGCGA
 GGACCTGGAGTGTACTCCAGCACGGCCCCGTCTCGAGGTGAGCATCACACAGTCTTGCCCTCCCG
 AAGATGAGCCTGGATGAGAAGGCCAGGACGCAGGGAGCAGAGCCTTCCATCAGCTCCTGGCTGAGCG
 AGATGAGCGCGGCGAGTGAAGGTGAGCAGTCTGTCACAGTTTCATAGCCAGAGCTGTTTTGGGCAGG
 GGAGGCAATGGCAGAACCTGTGGCTCGGAGTTTGTGAGCAGCCTCCAGAACACCCTGTGGTGTGAGAG
 GAGAAGCCCAAGGCCAGCCCCGACAACCTTGTCTATCCTGTCTGAGATGGGAGATGACTCTTTCAACAAAG
 CAGCCCCATCAAAGGCTGCAAAAATATCCACAGTGAAGCAAGGCCATGGTCAACATCTCCAACACGGCCAA
 TCTGAGCAGTGCAGGGGTACATCCCCATGAAGACCAATATCACAGTTTACCCCTGCATTGCCATGAGC
 CCCCAGAACATCCAAGAGCCGGAGGCCCCACCGCCACCCCAAGCAGGCCACATTAGCCAGTCCC
 GGGAGAGTAAGGAAAACAGTGCAAAGAAAGAGATGAAATTTGAGGACCCGTGGCTGAAACGAGAAGAGGA
 AGTGAAAAAGAGACGGCTCATCCAATGAAGAAGGGATGATGAGGTGTGAGACTGCCACGGGCCCTCG
 AATGCTGAGACCAGAGCAGAGCAGGAGCAGGACGAAAGCCAGTCCGGGAGACAGGCTCAGCAGCAGCA
 GCGGAGAGGTGTGCGCTCCCGGTCACTGACAACCTCAGGAGGTCGTGGATGGGTGTGAGATGGCCCT
 GCCCGTTTTGGCCACCCAGAGCCCGTGCATCCCAACAAAAGCGTCAAGTCCAGCAGCCTTCCAGGGCC
 TTTCAGAAGGCCAGCCGGCAGGAGGAGCCGGACAGCCTCTCCTATTACTGCGTGTGAGACCAACGGGG
 TGGGTGACGCTCGGGCACCCCGCCTCCAAGGCTACCTGGAGGGGAAGGTGGTTCCCCAACGACTG
 TGTTCTGGCTCGGCCAAAGGACTCCCCCTGTGCCCCGTCCGAAAAGTCCAGCCTGGACCAGAAGAAC
 CGGGCCAGCCCTCAGCACAGTGCAGCGGCAGCGCACAGCAGCCCCGAACCAACCAGCCGCTTCC
 CGGCGGGCTCCAGACGAGCTAGCGGAAGACGAAGGACGCCAGCAGCAGCAGCAAGCTTTCAGTGC
 CAAGCTGGAGCAGCTGGCCAGCAGAAGCAACTCGCTGGCAGGGGACAGTCCAGCAGTACGAATGCCTC
 TCCTGGAGCGGGCCAGAGCCTGTCTCGTGTGCTCCCGCTGCACGCGGGCAAGGACGGCACCATGC
 CCCGCGGGGAGGAGCCTGGGCCGAGCGCCGGACCTCGCCCCAGCTCCGGGGCTCGCCAAAGGC
 CGGCCAGTCCAAGATCTCCGCCGTGAGCAGACTCCTCTGGCCAGCCCCAGAGCGCGCGGCCCTCCGCC
 TCCACCACAAAACCTCAGTTCTCCACCAAGTCCCTGCCGAGGCGGTGGGCCAGGGCTCCAGCTCGC
 CCCCCGTGGGAAGCACACGCCCTGGTCCACGAGTCCCTCAGCAGGAACAGGAGCTCGGGCTGGCCTC

CAAGCTTCCCCTGCGGGCCGTCAGCGGGCGCATCTCGGAGCTGCTGCAGGGTGGCGGGCGCCCGGGG
 TTGACAGCTGCGGGCCGGGCCGAGGCGGAGGCGCGGGGGGGCCCTGGCCGAGGACGAGCCCGCGGCC
 CGCACCTGCTCCCGTCCGCTACAGCAAGATCACGCCCCCGGGAGGCCACCCTGCAGCAGCGGCCA
 CGGCAGCGACAACAGCAGCGTGTGAGCGGGGAGCTCCCGCCGGCCATGGGAAGACGGCCCTGTCTAC
 CACAGCGCGGCAGCAGCGGCTACGAGAGCGTGATGCGGGACAGCAGGCCACCGCAGCGCGTCTCGG
 CGCAGGACTCCACGAGCGAGAACAGCAGCTCCGTGGCGCGCAGGTGCCGAGCCTCAAGACCCCGAAGAA
 ACGCTCCAATCCAGTTCTCAGAGACGGAGGCTTATCCAGCACTATCCCTGGACACCTTCCCCTGTG
 AGAAAACCCCAACAGCACAGCGTCCGCTGGGTGGATGGCCCTTGGGAGCAGCCCGAGGGCCCTTG
 GGAACCCCTTTGAGATTAAGTCTATGAAATCGATGACGTGGAGCGCCTGCAGCGCGCAGAGGGGTGC
 CAGCAAGGAGGCCATGTGCTTCAATGCAAAGCTGAAGATTCTGGAACACCGCCAGCAGAGGATCGCCGAG
 GTCCGCGCGAAGTACGAGTGGCTGATGAAGGAGCTGGAGGCGACCAACAGTATCTGATGCTGGATCCCA
 ACAAGTGGCTCAGTGAATTTGACTTGGAGCAGTTTGGGAGCTGGATTCCCTGGAGTACCTGGAGGCACT
 GGAGTGTGTGACGGAGCGCTGGAGAGCCGTGTCAACTTCTGCAAGGCCATCTCATGATGATCACCTGC
 TTCGACATCACCTCCAGGCGCCGTAG

5' Read Nucleotide Sequence:

>OriGene 5' read for NM_018012 unedited
 CAGAATTTTGTAAACGACTTCACTATAGGGCGGCGGAATTCGCACGAGCCAGCCCTC
 AGCACAGTGCCAGCGGCAGCGCACACCAGCAGCCCCCTGAACCAACCAGCCGCCTTCCCGG
 CGGGCCTCCAGACGAGCCTAGCGGCAAGACGAAGGACGCCAGCAGCAGCAAGCTCT
 TCAGTGCCAAGCTGGAGCAGCTGGCCAGCAGAAGCAACTCGCTGGGCAGGGCGACGGTCA
 GCCACTACGAATGCCTCTCCCTGGAGCGGGCCGAGAGCCTGTCTCCGTGAGCTCCCGGC
 TGACAGCGGGCAAGGACGGCACCATGCCCGCGCGGGGAGGAGCCTGGGCGCAGCGCCG
 GGACCTCGCCCCCACTCCGGGGCCTCGCCCAAGGCCGGCCAGTCCAAGATCTCCGCCGT
 GAGCAGACTCCTCCTGGCCAGCCCCAGAGCGCGCGGCCGTCCGCTCCACCACCAAAAC
 CCTCAGCTTCTCCACCAAGTCCCTGCCGAGGGCGGTGGGCAGGGCTCCAGCTCGCCCC
 CGGTGGGAAGCACACGCCTGGTCCACGCAGTCCCTCAGCAGGAACAGGAGCTCGGGCCT
 GGCTCCAAGCTTCCCCTGCGGGCCGTGAGCGGGCGCATCTCGGAGCTGCTGCAGGGGG
 GNCCGGGGCGCCGNGGCTTGCAGCTGCGGGCCGGGCCNNAGCGGAGGCGCGGGGG
 GGGCCCTGGCCGAGGACGAGCCCGCGGCCGCGCACTGCTCCCGTCCGCTACAGCAAGA
 TCACGCCCCCGGGGAGGGCCACCCTGTCAGCAGCGGCCACCGCAGCGACACAANCNG
 TGCTGAGCCGGGAGCTCCCGCCGNCATGGGAAGAAGCCCTTGGTCTAACACAGCGG
 GGGCAGCACCGGCTACAAAAGCGTGATGGGGGACAACGAGGCCACCGGAAGGGCGTCTTG
 GGGGAGGACTCACGAGCGAGACGGAGTTTCGGG

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_018012 unedited
 NNGGGTCAACTATGGAACCGCGCCGCAATCTANGATCGAGTTTTTTTTTTTTTTTTTTTT
 TTTTTTTTTTTAACCATAAAAAACAGGTAATATTTATTCATAAGCAATACTGATTAAGA
 AATAGCTCTACAAACACAACCTACTTAGAAACAGCAAGTCAGAAATAGGATAAAACACCA
 AGAGAAAAAGAGCTGTGAATACATTTCCAAAATGTTTTTCTTGTGTTTGTGTTTCTT
 ATCTTGACTAGCACCATCTGTACACAAGAAAGTATGAACATAAATGTTTGGATAATAATA
 AAGATTTGCAAGGCATTAATCAGTCATTCTGGGTTGTTTTGTGTTTCGTTTTCCACAGCA
 ATCCTACATCCACGCCCTCCTTTCTCACGAAAGCAAGAGAAGAGTGAGGTCTCTTTTGC
 TAGCAGTTCTTATGTACAAAACAGGCTTTAAGGTTCTCAAAGTGCTTTTTTCAGTCTCA
 CAGGGCTTGGACACCCCTCGGGTTCCTATCCTTTTCTCCTTCCACGGTGTGTTGACGTTT
 GCACCTTTCTACAGAAAACAAAAGAAAACCTCGCCTTCCGCTCAACGCCCGCTCCAGACT
 TGCCACCAACCTTCATCCTCATTGCTTTTGTGATGCCCCAGCAGAGGGCCTAGGGG
 CGTGCAACATCTCTGAAGTCTGGGGAGCGGGGACCACTAGGACAAGGGTCTGGCTCAT
 CTACCGGCGCCTGGAGGTGATGTCCAAGCAGGTGATCATCATGAGATGGGCTTGCAAAA
 GTGACACGGGTCTCCAGGCGGCTCGTCAAACTCCAGTGCCTCCGGTACTCCAGGGAATC
 CAGCTCCCAACCTGCTCCAAGTCAATTCAGTGCCTGGTGGGATCCACCTCAGAACG
 GTT

Restriction Sites:

NotI-NotI

ACCN:	NM_018012
Insert Size:	2200 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_018012.1</u> , <u>NP_060482.1</u>
RefSeq Size:	7287 bp
RefSeq ORF:	7287 bp
Locus ID:	55083
UniProt ID:	<u>Q2KJY2</u>
Cytogenetics:	1q44
Protein Families:	Druggable Genome
Gene Summary:	The protein encoded by this gene is an intracellular motor protein thought to transport organelles along microtubules. The encoded protein is required for kidney development. Elevated levels of this protein have been found in some breast and colorectal cancers. [provided by RefSeq, Mar 2017]