

## Product datasheet for RC211178

### KIF19 (NM\_153209) Human Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	KIF19 (NM_153209) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	KIF19
Synonyms:	KIF19A
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC211178 representing NM_153209 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC

ATGAAGGACAGCGGGGACTCCAAGGACCAGCAACTCATGGTGGCGCTTCGGGTCCGGCCATCAGCGTGGCAGAGCTGGAGGAAGGAGCTACCCTCATCGCCATAAAGTGGATGAGCAGATGGTGGTTCTCATGGACCC AATGGAGGATCCCGACGACATCCTGCGGGCGCATCGTCCCGGGAAGTCTACCTGTTTCGACGTGGCC TTTGACTTCACCGCCACCAGGAGATGGTGTATCAGGCCACCACCAAGAGCCTCATCGAGGGCGTCACTC CAGGCTACAATGCCACTGTCTTTGCCTATGGCCCCACAGGCTGTGGGAAAACCTACACCATGCTGGGCAC AGACCAGGAGCCTGGCATCTATGTTTCAGACCCTCAACGACCTCTCCGTGCCATCGAGGAGACCAGCAAT GACATGGAGTATGAGGTCTCCATGTCCTACCTGGAGATCTACAATGAGATGATCCGGGACCTGCTGAACC CCTCCCTGGGCTACCTGGAGCTGCGGGGAGGACTCTAAGGGGGTGTCCAGGTGGCCGGCATCACCGAAGT CTCCACCATCAATGCCAAGGAGATCATGCAGCTGCTGATGAAGGGGAACCGGCAGAGGACCCAGGAGCCC ACGGCCGCAACCAGACGTCCTCCCGCTCCCACGCGGTAAGTGCAGGTGACCGTGCAGGAGCCAGCCGGG TCAAGAACATCTTGCAGGAGGTGCGGCAGGGCCGCTGTTTCATGATCGACCTGGCTGGCTCAGAGCGCGC CTCGCAGACACAGAATCGTGGGCAGCGTATGAAGGAGGGGGCCACATCAACCGCTCACTGCTGGCACTG GGCAACTGCATCAACGCCCTGAGCGACAAGGGTAGCAACAAGTACATCAACTATCGGCAGACAGCAAGCTCA CCCGGCTCCTGAAGGACTCTCTGGGAGGAAACAGCCGCACAGTATGATCGCTCACATCAGTCTGCGAG CAGTGCCTTCGAGGAGTCCCGGAACACCCTGACCTACGCCGCGCCGGGCAAGAACATTAAGACTAGGGTG AAGCAGAACCTCCTGAACGTCTCCTACCACATCGCCAGTACACCAGCATCATCGCTGACCTGCGGGGCG AGATCCAGCGACTCAAGCGCAAGATTGATGAGCAGACTGGCGGGGCCAGGCCCGGGGCCGAGGATCG GGGTGACATCCGCCACATCCAAGCTGAGGTCCAGCTGCACAGCGGGCAGGGTGAGAAGGCTGGCATGGGA CAGCTTCGGGAGCAGCTCGCCAGCGCTCCAGGAGCAGATGGATGTGCGGAGGCGCCTGCTGGAGCTGG AGAACCAGCCATGGAGGTCCAGATTGACACCTCCCGACACCTGCTCACCATCGCCGGCTGGAAGCATGA GAAGTCCCGCCGGGCCCTCAAATGGCGGGAGGAGCAGCGAAAGGAGTGTACGCTAAGGACGACAGCGAG



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AAGGACTCAGACACAGGTGATGACCAACCAGACATCCTGGAGCCACCCGAGGTGGCCGCAGCCCGGAGAGA  
 GCATTGCAGCCCTGGTGGACGAGCAGAAGCAACTGCGCAAGCAGAAGCTGGCGCTGGAGCAGCGCTGCCG  
 GGAGTGCAGCGCGGGGGCCGGCGCCTGGAGGAGACGCTGCCGCGGCGCATCGGCTCCGAGGAGCAGCGC  
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 GAGAAGGAAGCGGAGTCCCGATCCTTCGAGGTACCCGGCAAGGGCTCTCCACCCCAAGACACACCTC  
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 CGCTGCCCCACGGCACAAAGCACCCATGGCAAAGATGGATGCTCCCGGCATAAC

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
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**Protein Sequence:**

>RC211178 representing NM\_153209  
 Red=Cloning site Green=Tags(s)

MKDSGDSKQQLMVALRVRPISVAEELEGATLIAHKVDEQMVVLMMPMEDPDDILRAHRSREKSYLFDVA  
 FDFATQEMVYQATTKSLIEGVISGYNATVFAYGPTGCGKTYTMLGTDQEPGIYVQTLNDLFRAIETS  
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 TAANQTSRSHAVLQVTVRQSRVKNILQEVQRGRLFMIDLASERASQTQNRGQRMKEGAHINRSLAL  
 GNCINALSDKGSNKYINYRDSKLTRLLKDSLGGNSRTVMIAHISPASSAFEE SRNTLYAGRAKNIKTRV  
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 KSDTGDQDPDILEPPEVAAARESIAALVDEQQLRKQKLALQRCREL RARGRRLEETLPRRIGSEEQ  
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 RKEILGTGKIWKAARRRSRALGTEGRHLLAPATERSLHSLSEGDDARPPGPLACKRPPSPTLQHA  
 ASEDNLSSSTGEAPSRAVGHGDGPRPWL RQKSLGKKREESLEAKRRKRRSRSEFVTGQGLSHPKTHL  
 LGPHQAERISDHRMPVCRHPAPGIRHLGKVTLP LAKVKLPPSQNTGPGDSSPLAVPPNPGGGSRRATRGP  
 RLPHGTS THGKDGCSRHN

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

**Chromatograms:**

[https://cdn.origene.com/chromatograms/mk8025\\_d09.zip](https://cdn.origene.com/chromatograms/mk8025_d09.zip)

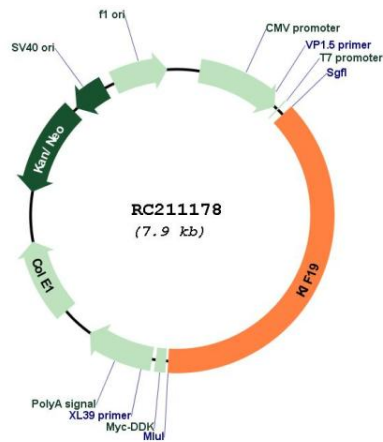
**Restriction Sites:**

Sgfl-Mlul

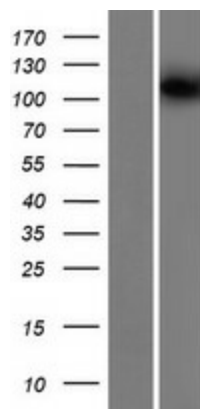


**Locus ID:** 124602  
**UniProt ID:** [Q2TAC6](#)  
**Cytogenetics:** 17q25.1  
**Protein Families:** Druggable Genome  
**MW:** 111.2 kDa  
**Gene Summary:** Plus end-directed microtubule-dependent motor protein that regulates the length of motile cilia by mediating depolymerization of microtubules at ciliary tips.[UniProtKB/Swiss-Prot Function]

### Product images:



Circular map for RC211178



Western blot validation of overexpression lysate (Cat# [LY407138]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC211178 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).