

Product datasheet for **SC318439**

KIF19 (NM_153209) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	KIF19 (NM_153209) Human Untagged Clone
Tag:	Tag Free
Symbol:	KIF19
Synonyms:	KIF19A
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

Fully Sequenced ORF: >SC318439 representing NM_153209.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

```

GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGCACTG
GATCCGGTACCGAGGAGATCTGCCGCCACGATCGC
ATGAAGGACAGCGGGGACTCCAAGGACCAGCAACTCATGGTGGCGCTTCGGGTCCGGCCCATCAGCGTG
GCAGAGCTGGAGGAAGGAGCTACCCTCATCGCCATAAAGTGGATGAGCAGATGGTGGTTCTCATGGAC
CCAATGGAGGATCCCGACGACATCTGCGGGCGCATCGCTCCCGGAGAAGTCTACCTGTTGACGTG
GCCTTTGACTTCACGCCACCCAGGAGATGGTGTATCAGGCCACCACCAAGAGCCTCATCGAGGGCGTC
ATCTCAGGCTACAATGCCACTGTCTTTGCCTATGGCCCCACAGGCTGTGGGAAAACCTACACCATGCTG
GGCAGAGACCAGGAGCCTGGCATCTATGTTAGACCCCTCAACGACCTCTCCGTGCCATCGAGGAGACC
AGCAATGACATGGAGTATGAGGTCTCCATGTCTACCTGGAGATCTACAATGAGATGATCCGGGACCTG
CTGAACCCCTCCCTGGGTAACCTGGAGTGCAGGAGGACTCTAAGGGGTGATCCAGGTGCCGGGCATC
ACCGAAGTCTCCACCATCAATGCCAAGGAGATCATGCAGCTGCTGATGAAGGGGAACCGGCAGAGGACC
CAGGAGCCACGCGCCCAACCAGACGTCTCCGCTCCACGCGGTACTGCAGGTGACCGTGCGCCAG
CGCAGCCGGGTCAAGAACATCTTGACGAGGATGCGGCAGGGCCGCTGTTTCATGATCGACCTGGCTGGC
TCAGAGCGCGCTCGCAGACACAGAATCGTGGGACGCTATGAAGGAGGGGGCCACATCAACCGCTCA
CTGCTGGCACTGGGCAACTGCATCAACGCCCTGAGCGACAAGGGTAGCAACAAGTACATCAACTATCGC
GACAGCAAGCTCACCCGGCTCCTGAAGGACTCTCTGGGAGGAAACAGCCGCACAGTGATGATCGCTCAC
ATCAGTCTGCGAGCAGTGCCCTCGAGGAGTCCCGGAACACCTGACCTACGCCGGCCGGGCAAGAAC
ATTAAGACTAGGGTGAAGCAGAACCTCCTGAACGTCTCTACACATCGCCAGTACACAGCATCATC
GCTGACCTGCGGGGCGAGATCCAGCGACTCAAGCGCAAGATTGATGAGCAGACTGGGCGGGGCCAGGCC
CGGGGCGGCAGGATCGGGGTGACATCCGCCACATCCAAGCTGAGGTCCAGCTGCACAGCGGGCAGGGT
GAGAAGGCTGGCATGGGACAGCTTCGGGAGCAGCTCGCCAGCGCCTTCCAGGAGCAGATGGATGTGCGG
AGGCGCCTGCTGGAGCTGGAGAACCAGCGCCATGGAGGTCCAGATTGACACCTCCCGACACCTGCTACC
ATCGCCGGCTGGAAGCATGAGAAGTCCCGCGGCCCTCAAATGGCGGGAGGAGCAGCGAAAGGAGTGC
TACGCTAAGGACGACAGCGAGAAGGACTCAGACACAGGTGATGACCAACCAGACATCCTGGAGCCACCC
GAGGTGGCCGAGCCCGGAGAGCATTGCAGCCCTGGTGGACGAGCAGAAGCAACTGCGCAAGCAGAAG
CTGGCGCTGGAGCAGCGTGCAGGAGTGCAGCGCGGGGCCGCGCCTGGAGGAGACGCTGCCGCGG
CGCATCGGCTCCGAGGAGCAGCGCAGGTGCTCAGCCTGCTGTGCCGCTGCACGAGCTCGAGGTGGAG
AACACCGAGATGCAGTCGCACGCGCTGCTCCGCGACGGTGCCTCCGCCACCGCCACGAGCCGTGCGC
CGCTTGAGCAGCAGCCGAGTCTCTGCGACGAGATTATCCAGGGCCAGCGGCAGATCATCGACGACTAC
AACCTGGCCGTCCCGCAGCGCCTGGAAGAGCTCTACGAAGTGTACCTGCGGGAGCTGGAGGAGGGCAGC
CTGGAGCAGGCCACCATCATGGACCAAGTGGCCTCCAGGGCCCTGCAGGACAGCTCCTTGCCAAAATT
ACCCAGCAGGAACCTCACTGACCCAGATTCTGACCTGGAGAGTGTGAAGACATTGAGCTCTGATGCC
CAGCACCTGCAGAACAGCGCCCTCCCTCCCTCAGCACAGAGAGTGAAGGCCACCACGTGTTCAAGGCT
GGTACTGGGGCTGGCAGGCAAAAAGCTCCTCTGTGCCACCCACCTCCCATCCAGCTCGGCAGCCTG
GTGACGCAGGAGGCCCGGCTCAGGACAGCCTGGGAGCTGGATCAACTCTTCCCTGACAGCAGTGAG
AACCTGTGCGAGATCCCCTGTCCCAAAAGAGAGGAAGGAGATCCTGACTGGCACCAAGTGATCTGG
GTGAAGGCCGCCCGCGCGCTCGCGGGCCCTGGGAACCGAGGGGCGACACCTGCTGGCACCCGCGACA
GAGCGCAGCAGCTGTCCCTGCACTCACTGAGCGAGGGCGACGATGCGCGGCCACCGAGGCCACTGGCC
TGCAAGCGGCGCCAGCCACACTACAGCATGCTGCCAGTGAGGACAACCTGTCCAGCAGCACGGGC
GAGGCCCGTCCCGGCGAGTCGGACATCATGGGACGGCCCCAGGCCCTGGCTGCGTGCCAGAAGAAA
AGCCTGGCAAGAAAAGGAGGAGTCTGAGGAGCAAGAGAAGGAAGCGGAGGTCCCGATCCTTCGAG
GTCACCGGCAAGGGCTCTCCACCCCAAGACACCTCTGGGGCCCCATCAGGCGAGCGCATCTCG
GACCACAGGATGCCAGTGTGCAGGCACCCAGCCCTGGTATCCGGCATCTGGGAAAGGTACGCTACCT
TTGGCCAAAGTCAAACCTCCCAAGCCAGAACACGGGCCCGGGGACTCTCACCCCTGGCTGTTCCTC
CCCAACCCAGGTGGTGGTTCTCGACGGGTACCGTGGGCCCCGCTGCCACGCGCACAAAGACCCAT
GGCAAAGATGGATGCTCCCGGCATAACTGA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTAAACGGCCGCGC
  
```

Restriction Sites:	Sgfl-MluI
ACCN:	NM_153209
Insert Size:	2997 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).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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:	<u>NM_153209.3</u>
RefSeq Size:	3670 bp
RefSeq ORF:	2997 bp
Locus ID:	124602
UniProt ID:	<u>Q2TAC6</u>
Cytogenetics:	17q25.1
Protein Families:	Druggable Genome
MW:	111.3 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]