

Product datasheet for RN217398

Kif19 (NM_001271202) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Kif19 (NM_001271202) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Kif19
Synonyms:	Kif19a; RGD1559936
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN217398 representing NM_001271202 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGGATCGCC

ATGAAGGACAGCGGTGACTCAAAGGACCAGCAACTCATGGTGGCACTTAGGGTCCGGCCTATCAGCGTGT
CTGAGTTGGAGGAGGGAGCCACCCTCATCGCTCACAAGGTGGATGAGCAGATGGTGGTTCTTATGGACCC
GATGGAGGACCCTGATGACATTCTCGGGCACACCGGTCCCGGAGAAGTCATACCTCTTTGACGTGGCC
TTTGACTTCACTGCTACCCAGGAGATGGTGTATCAGGCCACCACCAAGAGCCTCATCGAGGGTGTGATCT
CAGGGTACAACGCCACCGTGTGGTTCCTATGGCCCTACAGGCTGTGGGAAGACCTACACCATGCTGGGCAC
TGACCACGAGCCAGGCATCTATGTTCCGACCTCAATGACCTGTTCCGGGCCATCGAGGAGACCAGCAAT
GACATGGAATATGAGGTATCCATGTCCTACCTGGAGATCTACAATGAAATGATCCGGGACCTACTGAACC
CGGCCCTGGGGTACCTGGAGCTGAGGGAAGACTCCAAGGGGTGATCCAGGTGGCCGGGATCACCGAAGT
GTCCACCATCAATGCCAAGGAGATCATGCAGCTGCTGATGAAGGGGAACCGGCAGAGGACACAAGAGCCC
ACAGTGCCAATCAGACTTCTCCCGCTCCACGCTGTGCTCCAGGTGGCTGTGCGCCAGCGCAACCGGG
TCAAGAACATCCTCCAGGAGTGCAGGCGGGCCGCTGTTGATGATTGATCTGGCTGGCTCCGAGCGTGC
CTCCCAGACGCAGAACCAGGGGCGAGCGCATGAAGGAAGGAGCCACATCAACCGCTCTCTGCTGGCCCTG
GGCAACTGCATCAACGCGCTGAGTGACAAGGGCGGTAATAAATACATCAACTACCGGGACAGCAAACTCA
CCCGGCTCCTGAAGGACTCGCTAGGGGAAACAGCCGACCGTGTGATTGCCACATCAGTCCAGCGAG
CACTGCCTTTGAAGAGTCCCGGAACACCCTGACCTACGCGGTGAGCCAAAGAATATTAGGACTCGGGT
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AGATCCAGAGACTCAAGTCAAGATCGACCAGCAGGCTGGGCGGGCCAGGCCCGGGGCAAACTGGACAG
GGGTGACATCCGTCATATCCAAGCTGAGGTACAGCTACACAGCGGCAGGAAGAGCAGGCGGAGATGGGG
CAGCTTCGGGAGCAACTCATCAGCGCTCCACGAGCAGATGGATGTGCGACGGCGCCTGCTGGAGCTGG
AGAACCAGGCCATGGAAGTCCAGATTGACACCTCCCGTCACTACTACCATCGCCAGCTGGGAGCATGA
GAAGTACGCGGGCTCTCAAGTGGCGGGAGGAGCGAAGGAAGGATCCTACACCAAAGAAGACAGTGAG
AAGGACTCAGACACAGGAGATGAGCCAGATAACCTGGAGCCACCCGAGGTGGCCTCAGCCCGGAAAAACA



TCGCTGCCCTGGTGGGCGAACAGAAGAAGCTGCGCAAGGAGAAGCTGGCTCTGGAGCAGCGCTGTCCGGGA
 GCTGCGCGCGCTGGCCGGCGCCTGGAAGAGACGCTGCCGCGCCGCATCGGCTCCGAGGAGCAGCGCGAG
 GTGCTCAGCCTGCTGTGCCGCGTGCACGAACTGGAGGTGGAAAACACCGAGATGCAGTCGCACGCTCTGC
 TCCGCGACAGCGCCCTGCGCCACCGCCGCGAGGCCGTGCGCCGCTGGAGCAGCACCGCAGCCTCTGCGA
 CGAGATCATCCAGGGCCAGCGGCAGATCATCGACGACTACAATCTGGAGATCCCCGCCCTTATGGCTCT
 GTGCTGTTACGTGGCTCAAGGCCTGGTCTTCTGACTGTTCGCTTTGTCTTTGCCCTCTCCCTTCCCAC
 CATAACACAGGACAGCTCCTTGCCCAAAATCACTCCAGCAGGGACCACACTGACCCCGACTCTGACCT
 GGAGAGCGTGAAGACACTGAGTTCTGAGGCCAGTGCCCCAAAACAACACCCTACCCCCACTTGGCACA
 GACAGCGACTCCTACCACATGTTCAAAGCCAGTCCCAGGGCCTGGCAGGTGAAGAGCTCCTCTGTACCTA
 CTCCGCTCCCATCCAGGTGGGCAGCCTAGTGACCCAGGAGGCCACCACAGGACAGCCTGGGCAGCCA
 GATCAACTCTTCCCAGACAGCAGTGAACCTGTGAGAGATCCTTCTGTCCATAAAGAGAGGAAAGAG
 ATCCTAACCCGGACCAAGTGTATCTCCGTGAAGGCCGCCAGCGGCGCTCCCGGCTCTGGGAACGGAAG
 GCGCCACCTGCTGGCACCTGCCACAGAGCGCAGCAGCCTGTCCCTGCACTCGTTGAGCGAAGCTGATGA
 CGTTCGTCACCGGGTCCACTGGCCTGCAAGCGGCCGCCAGTCCCACACTGCAGCATGCTATCAGCGAG
 GACAATCTATCTAGCAGCACAGGCGAAGGCCGCCAGGGCGGTAGGACCTCGAGGTGATGGCTCTGGGC
 CCTGGGTGCGTGGCCAAAAGAAATGCCTCAGCAAAAAAAGGGAGGAGTCACTGGAGGCCAAGAGGAGGAA
 GCGGAGGTCTCGGTCTTCGAGGTACGGGACAAGGGCTGTCCCGTTCGAAGACACACCTGCTGGGGCCG
 CGTCCCTCGGAGGGCGTTTCAGACCGCAGGATGCCAGCGTGTGGACGGCCATCCCTGGTGTGAGGCATT
 TGGGAAAAGTCTCTGCTCTGGCCAAGGTCAAATTTCTCCAACCAGAATACAGGCTCTGAAAACCC
 TTCACCCTTCTGTCCCTCCAACCAAGCTGGTGTTCCTCGTAGAGCTACGCGTGGGCCCAACCTGCCT
 CATGGCTCAAGCACCTTTGGCAAAGATGGCCGCTCCAACATAACTGA

AGCGGACCGACGCGTACGCGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-RsrII
- ACCN:** NM_001271202
- Insert Size:** 2988 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:** Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
- 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_001271202.1](#), [NP_001258131.1](#)
- RefSeq Size:** 3472 bp

RefSeq ORF: 2988 bp
Locus ID: 303659
Cytogenetics: 10q32.1