

Product datasheet for **RN217211**

Kif9 (NM_001192000) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Kif9 (NM_001192000) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Kif9
Synonyms:	RGD1565187
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN217211 representing NM_001192000
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGGTACTAGGAAAAAGTTCAAGCCTTTGTTCTGTCAAGCCTACTGACGACTTTGCCCATGAAATGA
 TCAAATATGGAGAGGACAACAAAAGCATTGATATTCATTTGAAAAAGACACTCGGAGAGGAGCCGTCAA
 TAACCAGCAGACAGACTGGTCATTCAAGCTGGACGGAGTTCTTCATGATGCCTCCAGGACTTGTTTAT
 GAAACAGTTGCCAAGGATGCAGTTTCTCAGGCCCTTGATGGATACAACGGTACCATCATGTGTACGGGC
 AGACAGGAGCTGGCAAGACATACACCATGACAGGGGCAACGGAGAATTACAAGCACCGGGGTATTCTCCC
 TCGTGCCCTGCAGCAGGTGTTTAGGATGATTGAAGAGCGTCCACACACGCCATCACAGTCCGTGTCTCC
 TACTTGAAATCTACAATGAGAACCTGTTGATCTCCTGTCCACTCTGCCCTATGTTGGACCCTCAGTCA
 CCCCATGACTATCGTGGAAAACCTCAAGGGGTCTTCATTAAGGCTTGTCCGTGCATCTCACCAGCCA
 AGAGGAGGACGCGTTGAGCCTCCTCTTTGAGGGAGAGACCAACAGGATCATTGCCTCCCACAGATGAAC
 AAGAACTCATCCAGGTCACACTGCATTTTCACCATCTACATGGAGGCTCATTCTCGGACCTTATCAGATG
 AAAAGTATATCACTTCCAAAATCAACCTGGTAGACCTGGCAGGCTCAGAGAGGCTCAGCAAGACGGGGTC
 AGAAGGTAGAGTCCTAAAGGAAGCCACCTACATCAACAAGTCGCTGTCATTCTTGAGAGCAGGCTATCATT
 GCCCTGGGGGACCAGAATCGGGACCACATCCCTTTCCGGCAGAGCAAGCTCACCCATGCTCTGAAAGACT
 CCTTAGGGGAAACTGCAATATGGTCCTTGTCACAAACATCTATGGAGAAGCTGCCAGTTAGACGAAAC
 GCTATCTTCGTTGAGGTTTGCCAGCAGGATGAAGCTTGTCAACCATGAGCCTGCCATCAATGAGAAGTAT
 GATGCCGAGAGAATGGTCAAGATTTAGAGAAGGAAGTGGCATTGCTTAAGCAGGAAGTGCCATCCATG
 ATAGTCTGTCCAACCGCACCTCGTGAATTATGACCCCATGGATGAGATCCAGATTGCTGAGATCAACTC
 CCAAGTACGGAGGTACCTGGAGGGGACACTGGACGAGATTGACATAATCAATCTAAGGCAGATTGAGGAG
 GTATTCAACCAGTTGAGGTGGTCTGAGCCAACAGGAGCAGGAAGTAGAGTCTGCCTTGCGCAGGAAGT
 ACACTCTCATAGACAAAAATGACTTTGCAGCCATTTCTGCTGTCCAGAAGGCAGGGCTTATGGATGTTGA
 AGGGCACCTGGTGGTGAGCCTGATGGACAAAGCTTTGGACTTGGGGTGGCTCCTTTTCTGTCAAACCT
 GGGAAGAAATCTAAGACTAAGAAGACAACCAAGACAGTTGAGCTCCTCAGCAAGAAAGGAAGTGCCA
 GCAGCCCTGTGAGTGGCAAGGACTTTGATATGACTTCCATCTCCAAGACCCAGCTGATCCCATCTTCCAA
 AGAAGGGGATCTCAAAGATATGCTTGTGCGAGAAAGGAAACTTCCAGCATTGAGCCCTTCCCTCAGAC
 TCTCAAAGGAAGAATCTCGTGCATCAGACCCAGCACCCACCTTCTAAGCCTGTGGCCTTTGAAGAGT
 TTAAGAATGAACGAGGTAGTGAGATCAACCGCATCTTCAAAGAAAACAAATCCATTTTAAATGAACGGAA
 GAAAAGGGCCAGCGAGACAACCCAGCGCATCAATGCCATCAAGCAGGAGATTGATGTGACCAAAGAGGCA
 CTGAATTTCCAGAAGTCATTACGGGAGAAGCAAGGAGAGTACGAGAACAAGGCCTGATGATCATTGATG
 AGGAGGAATTTCTGTTGATCCTGAAGCTCAAAGATCTGAAGAAGCAGTATCGAAACGAGTACCAGGAACT
 TCGAGACCTCCGGGTGAGATCCAGTACTGTCAGCGCCTGGTGGATCAGTGTGCCACCGCTTGCTCATG
 GAATTTGACATCTGGTACAATGAGTCTTTGTCATCCCGAGGATGTTGAGGTAGCACTGAAGCTAGGCA
 GCAGCATCCGGCCAGGCATGGTGCCTATCACCAGGATTGTATGTCTGGGAGAAGATGACCAGGACAGGTT
 CAGCCAGCTGCAGCAGACTGTCTTGCCTGAGGGTCTGATTCCATCTCCTTCTACAATGCCAAAGTCAAG
 ACAGAACAGAAGCACAGTTATATGAAAACCATGGTGGGCTCCAACAGTCACACAGAAAA**TAG**

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-RsrII
ACCN: NM_001192000
Insert Size: 2373 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:	<u>NM_001192000.1, NP_001178929.1</u>
RefSeq Size:	2373 bp
RefSeq ORF:	2373 bp
Locus ID:	501059
Cytogenetics:	8q32