

Product datasheet for **RN217443**

Kif11 (NM_001169112) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Kif11 (NM_001169112) Rat Untagged Clone
Tag: Tag Free
Symbol: Kif11
Synonyms: Kns1
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN217443 representing NM_001169112
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCGTCCCAGCCGAGTTCTTCTCGAAGAAGAAAGAGGAAAAGGGCAAGAACATTCAGGTGGTGGTGA
GATGCAGACCATTAATTTGGCAGAGCGGAAAGCTAACGCCACTCTGTAGTAGAATGTGATCACGCACG
GAAGGAAGTCAGGTACGAACTGCAGGGCTGACTGACAAGACCTCAAGGAAAACATACACGTTTGACATG
GTGTTTGGAGCATCTACAAAACAAATTGATGTTTACCGAAGTGTGTTTGTCCAATTCTAGATGAAGTTA
TTATGGGCTATAATTGTACCATCTTCGCATATGGCCAGACTGGCACTGGAAAACTTTTACAATGAAGG
TGAAAGGTCACCTAATGAAGTATACCTGGGAGGAGGATCCTCTGGCTGGTATAATTCCACGACTCTT
CATCAGATTTTGGAGAACTTACTGATAATGGCACTGAGTTTTTCAAGTAAAGTATCCCTATTGAAATCT
ATAATGAGGAGCTTTTGTCTCTGAGTCCGCTTCTGTGTTTCTGAAAGGCTGCAGATGTTTGATGA
TCCCGGAAACAAGAGAGGAGTGATAATCAAAGGCTTAGAGGAAATCACAGTACACAACAAGATGAAGTC
TACCAAATCTTAGAGAAGGGGCGAGCCAAAAGGACAACGCAGCAACCTTGATGAATGCTTACTCCAGTC
GTTCCACTCAGTTTTTCTGTACGATACACATGAAAGAAACGACAATTGATGGAGAAGAGCTTGTTAA
AATTGGCAAGTTGAATTTGGTTGATCTTGCAAGGAAAGTAAATATTGGGCGTTCTGGAGCTGTTGACAAG
AGGGCCCGGGAAGCTGGAATATCAACAGTCCCTGCTGACTCTGGGAGAGTTATCACTGCTCTTGTTGG
AAAGAACACCTCATATTCCTTATCGAGAATCTAACTAACAAGAATCCTGCAAGATTCTCTGGGGGGCG
TACAAGGACATCTATAATTGCAACCATTTCCCCTGCGTCTCTCAATCTTGAGGAACTCTGAGTACATTG
GAATATGCTCACAGAGCAAAGAACAATAATGAATAAGCCTGAAGTTAATCAGAACTACCAAAAAAGGCAC
TTATTAAGGAGTATACAGAAGAGATAGAGCGTTTGAAGCGAGATCTGCAGCAGCTCGTGAGAAAAATGG
AGTGTACATCTCTGAAGAAAGTTTTCAGAGCCATGAATGGAAAAGTAACTGTTCCAGGAGGAACAAATTGCT
GAGTTGGCTGAAAAAATGGTGTCTTGGAGGAGCTCAGTAAGGCTGCAGAGTATTTACGGATAGTG
AAAAGGAACTTAATCAGTGTAATCTGACTGCAACCAAGACACAGGAACTTGAACCCTCAGAAACA
TTTGCAAGAAACAAAATTACAATTGTTAAAGAGGAGTATGTCTTTCAGCTTGGAAAAGAACTGAGAAG
AAGCTTCATGAAACGGCCAGCAAGTTGCTTAACACAGTTAAAGAAACCACCAGGGACGTATCTGGTCTCG



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ATTCTAAACTGGACCGGAAGAGAGCAATCGATGCGCACAAACGCTGAGGCTCAGGAGAGCTTTGGCAGGAG
CCTCAGCAGTCTGTTTAAATAATGGAAGAGTTGATCAGGGACGGCAGTGAGAAACAGAAGGCCATGCTG
GACGTTCAAAAGCACTGTTCCGTAACCTGATGTCTTCTAGTGTCTCTGCATTAGACACTATTTCCACGA
CAGCACTTGAATCTCTCATGTCTATTCCAGAAAACGTGTTAGCTCGTGTTCAGATTTCTGATATGAT
ATTGGAAGAGCAGTCGTTAGCAGCCCAGAGTAAAACCTGTGCTGCAAGGATCGATTGATGAACTTGTGACC
AACCTTTTCACGTCCTGAAGACCATCATAGCTCCTGGTGTGGTGTCCATCTTAAACATAAATAGGCAAC
TACAGCATATTTTCAGGGCTTCGGTGACAATGGCTGAAAAGGTAGAAGATCAAAAAGAGAAAATAGACAG
TTTTCTCAGCATATTGTGTAACAATTTACATGAACTCCGAGAAAACACTGTTTCTTCTTGGTTGAATCA
CAAAAGCTTTGTGAAAACCTAACTGAAGACCTGAAGACAATAAAGGAAAACCCATTACAGGAACTTTGCC
AGTTAAGCAGTAGTTGGGCAGAGAGATTCTGTGCTTTGGAGAAGAAGTATGCAAACATCCAGAAACCACT
GAACAGTATTCAAGAAAACACAGAGCGGAAGTCTACTGATATAATCAATAAAACAACAGTTCACAGTAAG
AAAATTCTTGCACTCTGATGGATTATTACAAGAACTCAGACACTTTAACGAAGAAGGTACACAGTTGG
TTGAAGACTCTGTAGGACTGTGGTTCCTCAGCAGCAACCTGGAGACTGTATCCCAAGAGATCACACA
GAGGTGTGGGACCCTGAACACAAGCACAGTTCATTTTTCTGATCAGTGGGCATCCTGCTTAAGCAAGAGG
AAGGAAGAGCTTCAGAACTTAATGGAGTTGTAATGGATGTTGTGAAGCTTCAAGTTCAGAGATCACTG
AAAAAATAAGAGGACACAGAGCAGCTATTGAGAGCCAGCACAGCTCCTTTGTTGTTGATGATAAATCTGTA
TGAAGAAAAATTTAAAGCTGGAAGCCTAGAGCTTGATAAAAATATAAAAACCTGGTTTAAACAAAGCTTAAT
TGCTTTCTGCAACAGGATCTGAAACTAGATATCCCAACAGGTATGACACCAGAGAGGAAAAATTTATTTAT
ATCCATCAACACTTGTGAGAAGTGAACACGGGAGCAACTCCTTGATCAGCTGCAAAAAGAAACAGCCCAA
GCCACTGATGATGCTAAATTGCTCAGAAAGCAGCAAAGAGACCAGTCAGGACATGGAGGAGGACAGGGAG
GTTCTGGAGCAGAGTACTGAAGAAGTCAAGTCAAGAGCCGTGTGTACATACCAGTGGGATTGCTCTT
CCAGTGGAGGTGTTCCATTTTTTCAGCATAAAAAGCCACATGGAAAAGACAAAGAAAACAGAGGCCTTAA
CCCCGTGGAGAAGGGTAAAGTGGAGGAGCCTCGGAGCACTCCATCTCCAAGAGCAGACTGCCGCTGCCG
GCCTCCATCAACCTCTGCTGA
    
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ACGCGTACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-MluI

ACCN:

NM_001169112

Insert Size:

3171 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_001169112.1](#), [NP_001162583.1](#)
RefSeq Size: 4731 bp
RefSeq ORF: 3171 bp
Locus ID: 171304
Cytogenetics: 1q53
Gene Summary: participates in motile activities within the cell [RGD, Feb 2006]