

Product datasheet for RN203511

Kif27 (NM_198050) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Kif27 (NM_198050) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Kif27
Synonyms:	Krp5
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN203511 representing NM_198050 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGAAGAAATACCAATAAAAGTCGCTGTCCGCATCCGACCTCTGCTCTGCAAAGAAGTCCTACACAATC
ATCAAGTGTGTGCGGGACATCCCAAACCCAGCAGATTATCATTGGGAGAGATAGAGTTTTACTTT
TGACTTTGTTTTGGCAAAACTCCACTCAAGATGAAGTTTATAGCACATGCATCAAGCCCTCGTGCTG
TCCCTCATAGAAGGCTACAACGCAACTGTTTTGCATATGGACAACTGGATCTGGGAAGACATACACCA
TTGGAGGAGGCCATGTGCATCAGTTGTGGACGGTCAAAGGGCATCATTCTCGGCCATCCAAGAAAT
ATTTAGAGCATCTCTGAAATCCTAACATTGACTTTAAAATCAAAGTGTGATATAGAAGGTATAAG
GAAGACCTAAGAGATCTCTAGAGCTGGAGACATCCATGAAGGACCTTACATCCGAGAAGATGAGAAGG
GGAACACAGTGATTGTTGGGGCAAGGAGTGCCAGGTCGACAGCGTGGAGGATGTGATGGCCTGTGCA
GGTAGGGAATGCGGCCAGGCACACAGGCCACCCAGATGAACGAGCACTCCAGCAGGTCCCACGCGATT
TTCACAATAAGTGTGCCAAGTCGGGAAAAGTCAGAGGCCACTGAAGACGGAGAGTGGTGCTCACATC
GGCATATTGTCTCAAATTCACCTTTGTGGATTGGCTGGGTGAGAAAGAGTGACCAAGACCGGGAATAC
TGGCGAGCGATTCAAAGAGTCCATTCAAATCAACAGTGGGCTGCTGCTTAGGGAATGTAATAAGTGCC
CTTGGGGACCCACGCAGGAAGAGCTCCCATGTCCCGTATAGGGATGCGAAGATTACCCGGCTTCTGAAAG
ACTCCCTGGGAGGCAGTGCCAAGACTGTATGATCACCTGTGTCAGCCCTCCTCCTCGGACTTTGACGA
GTCTTAAATTCTCTCAAATATGCCAACAGAGCACGGAACATTAGAAAACAACTACTTTAACTTCAGC
CCCCAGGCAGACCGAATGGATGAAATGGAATTTGAGATTAAGTTGCTTCGAGAAGCTTTGCAGAGCCATC
AGGCCAGTATCAGTCAAACGAGCCAGACAGCTTCAGAGAATGTTCTGACCAGAAATCGAATCCACTCTCT
GGAGGAACAGATAGCCAGCTCCAGGAGGAATGTTTGGGCTACCAGGACTGCATAGAGCAAGCCTTTGCC
TTCCTAGTGGACTTAAAAGATGCTGTTAGGCTGAACCAGAAACAGCAGCACAAGTGCAGCAGTGGTTTA
GCAGAACTCAGGAAGTCAGGAAGGCTGTCTCACCCCTTACCAGGAAACAGAGTATTGGGAACCTGGA
AGAAGGACCCAGCATGTGACAGTCTCCAGCTGAAGAGAGAACTTAAGAAATACCAGTGTCTCTGGCC



GCTGACCAAGTGGTTTTACGCAGAAGGAGCTCGAGCTGGAGGAGCTCAGGAGGCAATGCAGCTGATGG
 CGCAGGAGAGCAAAGGGCACGCTGTGTCTTTGAAAGAAGCACAGAAAAGTGAATCGATTGCAGAATGAAAA
 GATAATAGAGCAGCAGCTCCTTGTGGACCAGCTGAGTGAGGAAGTACAAAACGTAGCTCGTCGATGCC
 ACCTCCACCAAGGAAAGCTGTGGGGACGGGCTGACGCCAGGGCCCGAAAAAGCGACCTCACACGGCTC
 CGTTTGACAGTCACTGGGGACATTATGTTTATATCCCATCAAGACAGGATTTCAAGAAGGTTTGCCTAAG
 TTCTCTGTATACTCTCTGGATCAAGTATTCGCTGGCTTCCGAAGTCAAGTCAAGTCAAGTCAAGTCAAG
 CTAGAAGACCAAGATGAAGTTCTCCACTGCCAGTTCTCTGACAACAGTGAATGATGAGGACTCAGAGGGCC
 AGGAGAAGCCCAGAGTTAGATCTAGAAGTCACTCATGGGTCAAAAAGCCAGGCTCTGTTTCTCTTGT
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 AGAAAAATGCGAGAAGTCAACAATCAACATCAGGATGAAAGAAGATCTGATCAAAGAGTTAATCAAAACAGG
 TGACAATGCCAAGTCTGTGAGCAGACAGTATTCTCTGAAGGTAACGAAGCTGGAGCATGAGGCTGAGCAG
 GCAAAGGTGGAGCTCACGAAACCCGAAAGCAGCTGCAGGAGCTGGAAGGCAAGACCTCTCTGATGTTG
 CTCTGAAGGTAATAACAGAAGGATTCGTAAGGATGGATGCTGCAAAGCTGAGAGTTCAGGCTT
 AAAAAAGAACGAGCAAGATAGTAAGAAGTTGGCGTCACTGTCCATCCAAAATGAGAAGCGGGCCAGTGAG
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 CCTTTCAGAAGTGTGGACCAACTCCAGAAATGGATGAGCAAAGGAAATGGTTAGATGAAGAAGTAGAGA
 AAGTCTAAGCCAGCGCCAGGAAGTGAAGATGCTGGAGGAAGAGCTGAAGAAGCGCGAGGGCCATCGTCTC
 CAAGAAGGAAGCCCTGCTGCAGGAGAAGAGCCACCTGGAAAATAAGAAGCTCCGATCTAGCCAGGCTTA
 AGCAGACAGAGTCTAAAATATCTGCTCGCCTGAACTTGGTGGACCAAGAGTTATCTGAAAAGAGCTTGC
 TGCTTGAGAACAGCCCGACTGAGGAGAAGGTGAAGATCTCAGAACAAGTCAAGCTCTTCAGAGAGAAAG
 GGAGCAGCTCCAGAGACAGAGAAACAGTGTGGATGAGAAGCTGAGACATGGGAGAGTCTGTCCCTAAA
 GAGGAACATCTCCTTTTCCAAGTGAAGAAGGAATAGAGGCTCTGGAAGCTGCGATTGAATTCAGAAGC
 AAAGCATCCAGAATCGCCAGAGCTCCCTCAAATCATCATTCCAGAAGCTCTCTCAAAGTGAATCGAATGT
 TCTGGAGAAACTAGTTTGCCTGAATATTGCTGAGATTAGAGCTATTCTTTTCAAATATTTCAACAAGGTG
 ATAAATTTGCGAGAAGCTGAACGTAACAACAGTTGCAGAATAAAGAGATGAAAATGAAGGTTCTGGAAC
 GGGATAATATGGTCCACGAGTTAGAATCTGCATTGGAGTATCTGAGACTGCAGTGTGACCGAAGACTGAC
 CCTCCAGCAAAAGGAACATGAACAGAAGATGCAGTTGTTGTTACATCATTTCAAAGACCAAGATGGAGAA
 GGCATTATAGAAACCTTAAACAAATACGAAGACAAGATCCAGCAGCTGGAAAAGGACCTTACTTCTACA
 AGAAAACCAGCAGAGACCTCAAGAAGAGACTGAAGGACCCCGTGCAGGGAGCAGTGCAGTGGCAGGCTAC
 ACTGACGGAGCATCATGATGCTGGAGATGGAGTTCTGAATCCAGAAGAGGCGCGTGTGCTTTCTGAAGAA
 CTAAAAATGGGCATCTAGAAGTAAAAATACAAAATTTGAATGGAAGAGAAAAAGAAGTAGACAATTCTTCAA
 GCAGCCTAAAAACCCACCGCTGACCCAGCAGATCCTGGAAGACGGCCAGACTCACTTCCAGTCTGCGG
 CTCGTTAGCACCTCCAGTGGCCAAGTGCAGAGCAGTGCAGATAAAACAGAGGCCATGCCTTACACAA
 TCTCAGAGTCCACCCCAACCCAGCTTCAGCCTGTGAGGAGTATAGCACAACTTCAGGGGTCAGCCTG
 TCAAAGTGTGCCGAGAGAACTGCGGCAGATTTCTGACTGGAGCTGACATTACGGCGGTCCAGTCTTGG
 AGCTGGGTCCGATCAGTGACCGCTGACTCCCTCGAAGAACCAGGAGGAAAGCTAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

Sgfl-MluI

ACCN:

NM_198050

Insert Size:

4185 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).

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:	<ol style="list-style-type: none">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_198050.1</u> , <u>NP_932167.1</u>
RefSeq Size:	4468 bp
RefSeq ORF:	4185 bp
Locus ID:	246209
UniProt ID:	<u>Q7M6Z5</u>
Cytogenetics:	17p14
Gene Summary:	participates in motile activities in a cell [RGD, Feb 2006]