

Product datasheet for **RN213177**

Kif15 (NM_181635) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Kif15 (NM_181635) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Kif15
Synonyms:	Knsl7
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN213177 representing NM_181635 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**

ATGGCTCCTGGCTGCAAATCTGAGTTACGGAATGTGACAAATTCTATTCTAACCAGCCAAGTAACGAAG
ATGATGCCATCAAAGTTTTGTGCGGATTCGCCCTGCTGAAGAGGGCGCTAGGTCAGCTGATGGAGAGCA
GAGCCTCTGCTTGTCTGTGCTCTCCAGACTGCTCTCCGGCTGCACTCCAACCCAGACCCCAAGACCTTT
GTATTCGATTATGTTGCAGGCATGGACACCACTCAGGAGTCTGTATTTCAACAGTGGCTAAAAGCATTG
TGGAGTCTTGCATGAGTGGTTACAACGGGACCATCTTTCATATGGGCAGACTGGCTCTGGGAAGACATT
TACTATGATGGGACCATCGGACTCTGATAATTTTTCTCATAATCTAAGAGGAGTAATCCACGAAGTTTT
GAATATTTGTTTTCTTAATTGATCGTGAAAAAGAAAGGCTGGAGCTGGGAAGAGTTTCTTTGTAAGT
GCTCCTTCATTGAGGTCTACAATGAGCAGATATACGACCTGCTGGACTCTGCATCGGTCCGACTGTATTT
AAGAGAGCACATAAAGAAGGGCGTCTTCGTGGTTGGTGCAGTGGAGCAGGTGGTGGCCTCAGCTGCTGAA
GCCTACCAGGTCTTATCTAGAGGCTGGAGGAACAGGCGTGTAGCATCAACATCTATGAACAGAGAATCTT
CCAGGTCTCATGCAGTCTTTACAATCACAATAGAATCAATGGAGAAAAGCAGTGAGGCTGTGAACATTTCG
GACCTCCTTACTCAACCTGGTGGACTTAGCAGGATCTGAGAGGCAAAAAGACACCCATGCAGAAGGGATG
AGGTTGAAGGAGGCAGGTAACATAAACCAGTCACTGAGCTGCCTGGGCCAAGTCATCACTGCCCTTGTTG
ATGTGGGCAATGGGAAACAGAGGCATGTCTGCTACCGGGACTCCAACTTACCTTCTTACTTCGGGACTC
CCTTGGTGGCAATGCCAAAACAGCCATAATTGCAATGTTTCATCCAGGATCCAGGTGTTTTGGGAAACA
CTGTCAACACTTAATTTTGCTCAAAGAGCCAAGCTGATTAACAACAAGGCTGTGGTAAATGAAGACACCC
AAGGAAATGTGAGCCAGCTACAAGCTGAAGTGAAGAGACTCAGAGAACAAGTGTCTCAGTTTACGTCTGG
GCAGCTGACACCAGGAAGCTCATTGGCCAGAGATAAAGAGAAGGCTAATTACATGGAATATTTCTGGAA
GCAATGTTATTCTTTAAGAAATCTGAACAGGAAAAGAAGTCTCTAGTAGAAAAAATTACCAACTAGAAG
ACCTCACCTCAAAAAGGAAAAATTTATTCAGTCTAATAAAATGATTGTGAAGTCCGAGAGGACCAAT
CATGCGTCTGAAAGGCCGAGGAGGAGGCGAGGAAGCTTCTGCCGAGGAGCAGGATCGCCTGCTG



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TCAGAACTGAGGGATGAGATCCGGACGCTTCGAGAGCAAGTGGAGCACCATCCCAGACTCGCGAAGTATG
CTATGGAGAATCATTCCCTCAGGGAAGAGAATAGAAAACCTGAAATTATTAGCACCTGTGAAAAGAGCCCA
TGAACTCGATGCCAGGCTATTGCTCGACTAGAACAGGCTTTTCTGAAGTGTCTAGTACAGAGACAAAT
GACATAGGTCTGCAAGGACTTCTCCCAAAGCAATAAAAGAACCAAGTTTCTTACAAGCACCGAGAAGT
TAAAGTACAACCTCTGCAAAATTCAGACAGAGCTGAATAATTCAAAGCAAGAGTATGAAGAGTTCAAAGA
GTTAACTCGGAAGAAGCAGCTAGAATTAGAATCAGAGCTTCAGTCCTTGCAAAAAGCAAACTCAATCTT
GAAAACCTTTTGGAGGCAACAAAAGCTGCAACGCCAGGAAGTTTCTCAGCTGAATAAAATACATGCTG
AAACACTCAAGATAATTACCACTCCAACCAAGGCTTATCAGCTTTGTTCTAGACTAGTACCAAAGTCAAG
CCCTGAGGTGGGAGCTTTGGCTTCCTGCGCTCACAGAGTGTCCAGATAATGATATATTGAATGAGCCA
GTGCCACCTGAGATGAGTGAACAAGCTCTGGAGGCCATTTCTGAGGAGCTTCGAACTGTGCAGGAACAAC
TGAGTGTCTTCAAGTCAAGCTGGATGAAGAAGACATAAAAACCTGAACTTCAACAGAATGTTGACAG
ACTAGAACACCATTCTACACAAATGCAGGAGCTGTTCTCATCAGAAAGAAGCGATTGGAGCAACAACAG
CAGGACTACCTCACACAGCTCAGCGACCTTGAGAAGCAGCTCCAGGATGCGCAGACTAAGAATGACTTTT
TGAAATGTGAGGTACATGACCTGCGAATTGTTCTTAATTCTGCTGACAAAGAACTTTCTTTGGTGAACT
GGAGTATAGCACATTCAAAGAGAGTCAAGAGAAGAACTAAGCCAGCTTTCTGACAGACATGTGCAGGTT
CAGCTTCAGCTGGACAATGCCAGATTAGAAAATGAAAACCTTCTTGAGAGCCAAGCTGTCTACAGGATT
CCTACGATAACTTACAAGAAGTAAATGAAATTCGAAGTTGACCAACTTTCAAAAAACCTCCAAAACGTCAA
ACAAGAGAATGAACTTTAAAGTCTGATCTGCATAACTTGGTGGAGCTTTTTGAGGCAGAAAAAGAGCGC
AACACAAATTTGCTACTACAGTTTGAAGAAGATAAAGAAAACAGCTCTAAAGAAATCTTAAAGGCTCTTG
AACTGTACGTCAGGAAAAACAGGAAGAGATGGCCAGATGTGAAAAGCAGATGGCAAAGGTACAGGAACT
AGAAGAAAGCTTGCTTGCTGCTGAAAATGTTGTGCTGCTGGAGAAGTCTAGGGAGTCTGACAAGGAA
CTTGTCACCAACCTCATGAACCAATCCAGGAGTTAAGAACATCAGCTGGTGAAGAAATCAGAAGCCATAG
ACACCTGAAACAAGAGCTGCAAGACATAAGTTGCAAAATACACTGCTGCTGGCTGACAAGAAGAGAG
CAAGGAGTTGATCAGGAGACAGGAAGTGATATCCTGGAAGTGAAGAACTCTTAGACTGAGAATTCTC
TCAGAGGACATCGAGAGGATATGCTGTGTGAAGATCTGGCCATGCCACTGAGCAGCTGAACATGCTCA
CAGAGGCTCCAAAAAGCACTCTGGACTACTGCAGTCTGCCAGGAAGAGCTGACCAAGAAGGAGGCTCT
GATCCAGGAACCTCAGCACAAGTTAAACCAGGAGAAGGAGGAAGTGGAGCAGAAGAAGAGTGAGTACAAC
TTGAAGATGAAGCAGCTGGAGCACGTGATGGGCTCTGCTCCTGAGTATCCACAGAGTCCAAAAACACCAC
CCCATTTTCAAACCTATTTGGCAAACTCTTGGAACACAAGAACAAGAGATAGAAGACGGAAGGGCATC
TAAGATGTCTTTGCAACACCTCGTCACAAAGCTAAACGAAGACAGAGAAGTCAAAAACGCTGAGATCCTC
AGGATGAAGGATCAGTTGTGTGAAATGGAAAATCTGCGCCTGGAGTCTCAGCAGTTGAGAGAGAGAACCT
GGCTCCTGCAGACTCAGCTGGATGATATGAAGAGGCAGGGGAGAGCAGCAGTCAGAGTCGTCCAGACAG
CCAACAGCTGAAGAATGAATATGAAGAGGAGATTATCAGAGAGAGACTTGCTAAAAATAAATTTATTGAA
GAAATGCTAAAAATGAAAACAGATCTAGAGGAAGTCCAGAGTGCATTGACAGCAAGGAGAAGTTCTGCC
ACAGAATGAGCGAGGAAGTTGAGCGAACCAGAACCTTTGGAGTCCAGAGCATTTTCAGGAAAAGGAGCAATT
GCGGTCAAAGTTGGAAGAAATGTATGAAGAGAGAGAGAGAACTTGCCAGGAAATGGAATGCTGAGAAAA
CAACTAGAGTTTCTTGCTGAGGAAAAATGGGAAATTGATAGGTATCAAAACCTACATCAGAAGATTCAAT
ATGTAGTGCAGCTGAAGAAGGAAAAATCAGGCTTGCTGAGGAGACAGAAAAATTGCGTGCTGAAAATGT
ATTTTGAAGAAAGGAAAAAGAAATGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

Sgfl-MluI

ACCN:

NM_181635

Insert Size:

4158 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:	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_181635.2</u> , <u>NP_853666.1</u>
RefSeq Size:	4214 bp
RefSeq ORF:	4158 bp
Locus ID:	353302
UniProt ID:	<u>Q7TSP2</u>
Cytogenetics:	8q32
Gene Summary:	mouse homolog associates with microtubulew and appears to play a role in mitosis in fibroblasts and in migration in developing neurons [RGD, Feb 2006]