

Product datasheet for MC224379

Kif15 (NM_010620) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Kif15 (NM_010620) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Kif15
Synonyms:	3110023M17Rik; 3930402I10Rik; b2b1117.1aClo; b2b1117.1Clo; D330038N01; HKLP2; KnsI7
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC224379 representing NM_010620 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGCCCCGGCTGCAAATCTGAGTTACGGAATGTGACAAATTCTCATTCTAACCAGCCAAGTAATGAAG
GTGACGCTATCAAAGTTTTGTGCGAATTCGTCCTGCTGAAGAGGGCCAGATCAGCGGATGGAGAGCA
GAGCTTTTGCTTATCTGTGCTCTCCAGACCACTCTCCGGCTACACTCCAACCCAGACCCCAAGACTTTT
GTATTTGATTATGTTGCAGGCATGGACACCACTCAGGAGTCTGTATTCTCAACAGTGGCTAAAAGCATTG
TGGAAATCATGCATGAGCGTTATAATGGGACCATCTTTGCATATGGGCAGACTGGCTCTGGGAAGACATT
TACTATGATGGGACCATCAGACTCTGATAATTTTTCTCATAATCTGAGAGGAATAATCCACGAAGTTTT
GAATATTTGTTTTCTTAATTGATCGTGAAAAAGAAAAGGCTGGAGCTGGGAAGAGTTTTCTTTGTAAGT
GCTCCTTATTGAGGTCTACAATGAGCAGATATGACCTCCTGGACTCGGCGTCAGTCGGACTGTATTT
GAGAGAGCACATAAAGAAGGGAGTCTTTGTGGTCGGTGCAGTGGAGCAGGCGGTGACCTCAGTCGCCGAG
ACCTACCAGGTCTTATCTAGAGGCTGGAGAACAGACGTGTAGCATCAACATCTATGAACAGAGAGTCTT
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GACCTCCTTACTCAACCTGGTGGACTTAGCAGGATCTGAGAGGCAAAAAGACACCCATGCAGAAGGGATG
AGGCTGAAGGAGGCAGGTAACATAAACCCGATCGCTGAGCTGCCTGGGCCAAGTCATCACTGCCCTTGTTG
ATGTGGTAATGGAAAACAGAGGCATATCTGCTACAGAGACTCCAACTTACCTTCTACTTCGGGACTC
CCTTGGTGGCAATGCCAAAACAGCTATAATTGCAAATGTTTCATCCAGGATCCAGGTGTTTTGGAGAAACA
CTGTCAACACTTAATTTTGCTCAAAGAGCCAAGCTGATTAACAACAAGGCTGTGGTAAATGAAGACACCC
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CATGCGCTAGAGAGGCTCCATAAGGAGGTCGAGGAAGCTTCTGCGGAGGAGCAGGATCGCCTGCTG
TCAGAGCTGCGGGATGAGGTCCAGACGCTTCGAGAGCACGTGGAGCACCATCCTAGACTTCAAAGTATG



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CTATGGAAAACCATTCCTCAGGGAAGAGAATAGAAGACTGAAGTTACTAGCACCCGTA AAAAGAGCCCA
 TGAATCGATGCCAGTCTATTGCAAGACTAGAAAAAGCTTTCGCTGAAGTGTCTAGCACAGAGACAAAT
 GACAAAGTCTGCAAGGATTTTCTCCAAAGCACTAAAAGAATCAAGTTTCTTACAAACACCGAGAAGT
 TAAAAGCACAACCTCTGCAAATTCAGACAGAAGTGAATAATCAAAGCAAGAATATGAAGAATTCAAAGA
 ATTAACCTCGAAAAAGCAGCTAGAGCTAGAATCAGAGCTTCAGTCTTTCGAAAAAGCAAACCTCAATCTT
 GAAAACCTTTTGGAGGCAACAAAAGTCTGCAAACGCCAGGAAGTTCCAGCTGAATAAACTACATGCTG
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 GAACCACTGCCACCTGAGATGAGTGAGCAAGCTCTGGAGGCCGTTTCAGAGGAGCTTCAACTGTGCAGG
 AACAACTGAGTGTCTTCAAGTGAAGCTGGATGAAGAAGAACGTA AAAACCTGAACTTCAACAGAATGT
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 CAACAGCAAGAGCACGTACACAGCTGAGTGACCTGAAAAAGCAGCTGCAGGATGCTCAGACTAAGAATG
 AGTTTTTGAATGTGAGGTGCATGACCTGCGAATTGTTCTTAATTCTGCTGACAAAGAAGCTTTCTTGGT
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 CAGGTTACAGTTCAGCTGGACAACGCCAGATTAGAAAATGAAAACTTCTTGAGAGCCAAGCCTGTCTAC
 AGGATTCCTACGATAACTTACAAGAAGTAAATGAAATTTGAAATCGACCAACTTTCAAAAAATCTCCAAAA
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 GAACTAGAAGAAAGCTTGTCTGCTACTGAAAAATGTTATCAGCTCTCTGGAAAAGTCTAGAGAGTCTGAC
 AAGGAACTTGTCCCAACCTCATGAACCAATCCAGGAGTTAAGAATATCAATTGGTGA AAAATCAGAAA
 CCATAGCCACCCTGAAACAAGAAGCTTCAAGACATAAATGCAAAATACAATGCTTCATTGGCTGACAAAGA
 AGAGAGCAAGGAATTGATCAGGAGACAGGAAGTGGATATCCTGGAAGTGA AAAAGAACTCTTAGACTGAGA
 ATCCTCTCAGAGGACATCGAGAGGGACATGCTCTGTGAAGATCTGGCCCATGCCACTGAGCAGCTGAACA
 TGCTCACGGAGGCTTCCAAGAAGCACTCTGGACTGCTGCAGTCTGCTCAAGAGGAGCTGACCAGGAAGGA
 GGCGTGATCCAGGAACTGCAACACAAGTTAAACCAGGAGAAGGAGGAAGTGGAGCAGAAGAAGAAATGAG
 TTCAGTTGAAGATGAGGACAGCTGGAGCACGTGATGGGCTCTGCTACCGAGTATCCACAGAGTCCCAAAA
 CACCACCCCATTTCAAGCTCATTGGCAAACTCTTGGAAACACAAGAACAAGAGATAGAAGATGGAAAG
 AGCCTCTAAGACTTCTTGAACACCTTGAACAAAGCTAAATGAAGATAGAGAAGTCA AAAATGCTGAA
 ATTCTCAGAAATGAAGATCAATTGTGTGAATGGAAAATCTACGCCTGGAGTCTCAGCAATTAAGAGAGA
 AAAACTGGCTCCTGCAACGTCAGCTGGATGATGTGAAAAGGCAGCAGGAGAGTGGCGATCAGAGTATCC
 AGACAGTCAACAGCTGAAGAATGAACATGAAGAGATTATCAAAGAAAGACTTGTGAAGAAATAACTTATT
 GAAGAGATGCTGAAAATGAAAACAAATCTAGAAGAAGTCCAGAGTGC ACTTCACAGCAAGGAGAAGGCCCT
 GCCACAGAATGAGTGAGGAAATGAGCGAACCAAGAACTTTGGAGTCTAGAGCATTTCAGGAAAAGGAGCA
 ACTGCGGTCAAAGTTGGAAGAAATGATGAAGAAAGAGAGAGAACTTTCTGGAATGGAATGCTGAAA
 AAGCAACTAGAATTTCTGCTGAGGAAAATGGA AAAATGGTAGGTATCAAAAACCTACATCAGAAGATTC
 AATATGTAGTACGACTGAAGAAGGAAAATCAGGCTTACTGAGGAGACAGAAAAATTCGCTGCTGAAAA
 TCTATTTTTGAAAGAAAAAAGAAGGAATTC **TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-MluI

ACCN:

NM_010620

Insert Size:

4164 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_010620.1</u> , <u>NP_034750.1</u>
RefSeq Size:	4840 bp
RefSeq ORF:	4164 bp
Locus ID:	209737
UniProt ID:	<u>Q6P9L6</u>
Cytogenetics:	9 F4
Gene Summary:	Plus-end directed kinesin-like motor enzyme involved in mitotic spindle assembly. [UniProtKB/Swiss-Prot Function]