

Product datasheet for **MC206130**

Kif20a (BC060608) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Kif20a (BC060608) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Kif20a
Synonyms:	AA415432; Rab6kifl
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC060608
 GAGAAGCGGCGAGGCAGACAGTCTTCGGGTGAGTGAAGTTGGGCTGGAGCCCCGTTATCAGCTGCTGCT
 TGCGCGTCCGTAGAAAGGCTCCTGTGTCTCCATAATTCTCTAGGTCTCGTGGTCTTTGGAATAAGGTTGG
 AAAAGTACCCTTGGGATCCTAAAACACGCTCGCTGGCGGACCTGTAGACCACCTCTGTAGAGCGTGGCCT
 TCCGTTCTGCTTTAGAAGTACATAGACTGACTCTGCTTGTCTCATGTCTCACCAGGATCCTTTCTCCGCCA
 GCGGGCTTACTCTCTGATGAGGATGTTGTAGACTCTCCCATATTAGAATCCACAGCTGCAGATCTGAGAT
 CTGTTGTCGGAAGGACCTGTTGTGACACTGCTCTGTCATCTCGCCTCTCTGGAGGACAAGCAGGCTCT
 ACTGGAGGACACCTCAGAGAAGGTGAAAGTTTACCTTCGAATTCGACCATTCTTGACTTCAGAGTTGGAC
 CGACAGGAAGATCAGGGCTGCGTCTGCATTGAGAATACAGAAAACCTTGTGCTGCAGGCACCCAAAGACT
 CCTTTGCCTTGAAGAGTAATGAGAGGGGAGTTGGTCAGGCCACTCACAAATTTACCTTTTCCAGATATT
 TGGGCCAGAAGTGGGACAGGTGGCCTTCTTCAATCTGACCATGAAGGAGATGGTGAAGGATGTGCTCAA
 GGGCAGAACTGGCTCATCTACACCTATGGAGTACCAACTCGGGGAAAACGTACACCATTCAAGTACTA
 GTAAGGATGCGGGGATCCTGCCAGTCCCTGGCTCTCATCTTTAATAGTCTCCAGGGCCAGCTTACATCC
 GACACCTGACCTGAAGCCCTTATTGTCCAATGAAGTAATCTGGCTAGACAGCAAGCAGATTGCACAGGAG
 GAAATGAAGAAGCTGTCCTTGTAAATTGGAGGCCCTCAAGAGGAGGAGCTGCCACCTCCGTGAAGAAAC
 GTGTCCCACTGAAAGTCGGATAGGTGCCAGCAACAGCTTTGACAGTGGCGTTGCTGGGCTGCTTCCAC
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 AGAACCTGATTCTTTCCGTGACAGCAAGTTGACTCGTGTGTTCCAAGGCTTCTTACAGGTCGAGGTCG
 TTCCTGTATGATTGCAATGTGAATCCCTGTGCATCTACATATGACGAGACTTTCATGCAGCCAAATTC
 TCAGCCCTAGCCAGCCAGCTTGTGCAGGCCACCTGTGCATCTGGGAATCCCATCCCTGCATTATTCA
 TCAAGAAGCAGTCTCAGGTTGGCCCTGGCTTAGAGAAAGAGGACAAGGCCGACTCAGACCTTGAGGA
 CAGTCTGAAGACGAAGCTGACGCTCCTGTATGGCAAGGAGGAACTACTCCAGGTGGTGAAGCCATG
 AAAGCGCTACTTTTAAAAGAACGACAAGAAAAGTGCAGTTGGAGATACAGCTCCGAGAGGAAATTTGCA
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 GATGGAGGAACTGACGAGGAGAAACTGAAGATCCTGAAGGAATCACTGACAACCTTCTACCAAGAGCAG
 ATCCAGGAGCGGGATGAAAAAATTGAAGAGCTAGAAAACCTGTTGCAGGAAGCCAAAACAGCAGCCAGCGG
 CACAACAGTCAAGGGGGCTGTCCCTCCTCCGGCGGTACAGAGGCTGGCAGCGTCTGCCTCCACTCAGCA
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 AGAAAGAGCCTGTTGCCACAGCACCGGAGCAGGAAAACCTCGTCAAGCATTAAACCACTGTGATGACATC
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 AAAAGGCAGCCTGCATTGCTGAGCAGTACACACTGTGCTAAAGCTCCAAGGCCAAGCCTCTGCCAAAAA
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 AACTTACTTCCCGAACACCTACCTGCCAAAGCTCAACAGACAGCAGCCCTTATGCGCGGATCTTGCCT
 CACGGCACTCTCCTTTACTCAAATCTCCCTTTGGCAAAAATACTAAAGTTGTGGGGATGAAGATGCATG
 GTTGTGCGCTGAGGTTGGTCAGCTGCTTAGCTGATAAGTCTCTTTTAAAGCTTACGATACACCCAGAAC
 TGTATTGAGAATTATTGATTATAATCACCTATGTAATCTGTTTTTTTTTTCATGCACAAATATTATATG
 GAATAAAGACATTGTTTATGCTTTTAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: Ascl-NotI
ACCN: BC060608
Insert Size: 2664 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:	BC060608 , AAH60608
RefSeq Size:	3139 bp
RefSeq ORF:	2664 bp
Locus ID:	19348
Cytogenetics:	18 18.69 cM
Gene Summary:	Mitotic kinesin required for chromosome passenger complex (CPC)-mediated cytokinesis. Following phosphorylation by PLK1, involved in recruitment of PLK1 to the central spindle (By similarity). Interacts with guanosine triphosphate (GTP)-bound forms of RAB6A and RAB6B. May act as a motor required for the retrograde RAB6 regulated transport of Golgi membranes and associated vesicles along microtubules. Has a microtubule plus end-directed motility.[UniProtKB/Swiss-Prot Function]