

Product datasheet for **RN211388**

Kif20a (NM_001108426) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Kif20a (NM_001108426) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Kif20a
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN211388 representing NM_001108426
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTCTCACGGGATCCTTTCTCCGCCAGTGGGCTTACTCTCTGATGAGGATGTTGCAGACTCCCCGTGT
 TAGAGTCCACAGCTGCAGATCTGAGGTCTGTGGTCCGAAAGGACCTGTTGTGAGATTGCTCTGCATCTC
 GGCTCTCTGGAGGACAAACAGGCTCCAATGGAGGACACTGCAGAGAAGATGAAAGTTTATCTTCAATC
 AGACCGTTCTTAACTTCTGAGCTGGAGAGACAGGAAGATCAGGGCTGTGTCTGTATTGAGAATACAGAGA
 CCCTTCTGCTACAGGCACCCAAAGACTCCTTTCCTTGAAGAGTAATGAGAGGGGAATTGGTCAAGCCAC
 TCACAAATTCACCTTTTCCAGATATTTGGGCCAGAAGTGGGCCAGGTGTCTTCTTCAACCTGACCATG
 AAGGAGATGGTAAAGGATGTGCTCAGAGGGCAGAAGTGGTCCATATACACCTACGGAGTCAACCACTCTG
 GGAAGACCTACACGATCCAAGGTAAGTACTAGTAAGGATGTGGGGATCCTGCCAGTCCCTTGTCTCATCTT
 TAATAGTCTCCAAGGCCAGCTTCAACACCTGATCTGAAGCCCTTGTGTCCAATGAGGTAATCTGG
 CTAGACAGCAAGCAGATTCGACAAGAGGAAATAAAGAAGCTGTCCCTTGCTAATTGGAGGCCCTCAAGAGG
 AGGAGCTATCCACCTCCTTGAAGAAACGTGCCACGCCGAAAGTCGGATAGGTGCCAGCAACAGCTTTGA
 CAGTGGCATTGCTGGGCTGTCTTCCACCACTCAATTCACCAAGCAGCAGCCAGCTAGATGAAACAAGTCAG
 TTATGGGCACAGCCAGACACTGTCCAGTAAGTGTCCAGCAGACATTGCTTCTCTATCTGGATCTCCT
 TCTTTGAGATCTACAATGAGTTGCTTTATGACCTGTTAGAACCACCTAGCCATCAGCATAAGAGACAGAC
 ACTGCGGCTGTGTGAGGATCAGAACGGCAATCCTTACGTGAAAGACCTCAACTGGATTATGTTTCGTGAT
 GTTGAGGAAGCCTGGAACCTTTTGAAGTGGGTGTAAGAACCAGAGCTTTGCCAGCACCCACATGAACC
 AGCCTTAGTCGCAGTCACAGTATATTTCTCAATCAGAATCTTGCACCTCAGGGAGAAGGAGATATAGT
 GCCCAAGATCAGTGAACCTGTCACTCTGTGATCTGGCTGGCTCAGAGCGCTGCAAAACATCAAAAAAGTGGT
 GAACGGCTAAAGGAGGCAGGAAACATTAACACTTCCCTGCACACCCTGGGCCGCTGATTGCTGCCCTGC
 GACAGAATCAGCAGAACCGGTCAAAGCAGAACCTGATTCCTTCCGGGACAGCAAGTTGACTCGTGTGTT
 CCAAGGCTTCTTACAGGTCGAGGTCGTTCTGTATGATTGTCAATGTGAATCCCTGTGCATCTACATAT
 GACGAACTCTCCATGCAGCCAAATTCAGCCTTAGCCAGCCAGCTTGTGCATGCCCCACCTGTGCATC
 TGGGAATCCCATCCCTGCATTATTATCAAGGAGCAGTCTTCCAGGTGTCCCCTGGCTTAAAGAAAGA
 GGGCAAGGCCGACTCGGACCTTGGAGACAGTCTGAAGACGAAGTGCATCTCCATGTATGGCAAGGAG
 GAGCTACTCCAGGTGGTGAAGCCATGAAAGCGTGTCTTTAAAAGAACGACAAGAAAAGCTGCAGTTGG
 AGATACAGCTCCGGGAGGAAATTTGCAACGAGATGGTGGAAACAGATGCAGCAAAGGGAGCAGTGGTGCAG
 CGAGCGTTTGGACACCCAAAAGGATCTGTTGGAGGAAGTGTATGAGGACAAACTAAAGATCCTGAAGGAG
 TCTCTAAACAATTTCTACCAAGAACAGATCCAGGAGCGGGATGAAAAAATTAAGAGCTAGAAAATCTCT
 TGCAGGAAGCCAAACAGCAGCCAGTGGCACAACAGTCAAGGGGGTGTGAACTGTCCCTCCGGCGGTCA
 AAGTTGGCAGCCTCTGCCTCCTCTCAGCAGCTCCAGGAAGTTAAAGTGAATAGAGCAATGCAAAACA
 GAGTTAGGCTCTACCACCGCAGAGCTGCAGAAGTACCAGCAGATGTTAAAACCACCCACAGCCAAAC
 CTTTACCATCGATGTGGATAAGAAGTTAGAGGAGGGCCAGAAGAATAAAGGCTGCTACGGACAGAGCT
 CCAGGAGCTAGGACAGTCTCTGCAGTCAGCAGAGAGAGCCTGTTGCCACAGCAGGAGCAGGAAAACTT
 CGTCAAGCATTAACTAACTGCGATGACATCTTAATCAAACAGAACCAGACCCTGGCCGAGCTACAGAATA
 ACATGATGCTAGTGAACTGGACCTTCAAAAAAGGCAGCCTGCATTGCCGAGCAGTATCAGACTGTGCT
 GAAGCTCCAAGGCCAAGCCTCTGCCAAAAGCGACTGGGAGCAAACCAGGAAAACCAGCAACCGAATCAT
 CAACCCCAAGGGAAGAAACCTTCTACGACACTTACTTCCCGGACACCTACCTGCCAAAGCTCGACAG
 ACAGCAGCCCTTACGCACGGATCTTGGCTCACGGCATTCTCTTACTCAAATCTCCCTTTGGCAAAAA
 ATACTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001108426

Insert Size:	2667 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_001108426.2</u> , <u>NP_001101896.1</u>
RefSeq Size:	2949 bp
RefSeq ORF:	2667 bp
Locus ID:	361308
Cytogenetics:	18p12