

Product datasheet for **RN207278**

Kif13a (NM_001107462) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Kif13a (NM_001107462) Rat Untagged Clone
Tag: Tag Free
Symbol: Kif13a
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN207278 representing NM_001107462
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGACGAGTCGAACACGACAAAATATGCCGGTCAAGAAGTCGTTTTCAAGTGCCTCGGGGAAGGGATTC
TTGAGAAAAGCCTTTCAGGGATACAATGCCTGTATTTTTGCATATGGCCAGACAGGCTCTGAAAAATCCTT
TTCCATGATGGGCCATGCCGAGCAGCTAGGCCATCCCAAGGCTCGCTGTGCTGTTCAAAGGATC
TCCCTGGAGCAAAACGAGTCACAACATTTAAAGTCGAAGTATCGTATATGGAGATTTATAATGAGAAGG
TCCGGGACCTCCTGGACCCAAAGGGAGCAGGCAGTCTCTTAAAGTCCGAGAACATAAGGTCTTAGGACC
CTATGTCGATGGCCTATCTCAACTGGCGGTACCAGCTTTGAGGACATTGAGTCACTGATGTCTGAGGGA
AATAAGTCTCGAACGGTAGCAGCAACCAACATGAATGAAGAGAGCAGCCGCTCCCATGCGGTGTTCAACA
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GGTAGACCTGGCGGCAGCGAGAGGGTGTGAAGACTGGAGCTGCGGGGAGCGACTGAAAGAAGGCAGC
AACATTAACAAATCACTTACAACCTTGGGATTGGTTATATCATCGCTGGCTGACCAGGCTGCTGGCAAAG
GCAAAAACAAATTCGTACCTTATCGAGATTCAGTCTCACTTGGCTTCTTAAGGACAATTTAGGTGGGAA
CAGCCAGACCTCTATGATAGCAACCATCAGCCAGCAGCAGCAACTACGAGGAGACACTGTCCACGCTA
AGATACGAGACCGAGCCAAGAGGATTGTGAACCACGCTGTCGTGAACGAGGACCCCAATGCCAAGGTCA
TCCGAGAGCTGCGAGAGGAAGTGGAGAACTGAGAGAGCAGCTCTCACAGGCTGAGGCCATGAAGCCCC
CGAGCTGAAGGAGAAGCTGGAAGAGTCTGAGAAGCTGATAAAGGAGCTCACAGTACGTTGGGAAGAGAAG
CTGAGGAAAACGGAAGAGATCGCACAGGAGAGGCGGACGCTGGAGAGCATGGGGATCTCCCTGGAGA
CCTCTGGCATCAAGGTGGGGATGACAAGTGTACCTCGTCAACCTGAATGCAGACCCTGCCCTCAACGA
GCTTCTGGTTTACTATTTAAAGGATCACACGCGGGTGGTGTGATACCTCTCAGGACATCCAGCTCTTT
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AAGAAAACGCAAGGTCTGTGTAATGGCACCCCTGGTCTGCAGGCTGACCCAGCTGTGGCATGGTGACAG
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ACTACAACACTACGAGTTCGCACAGATGGAGGTATCATGAAAACACTGAACAGCAATGATCCAGTTCAAAA
TGTGGTTCAGGCTCTGAAAAGCAGTACCTGGAAGAGAAGAGGACGGCCCTGGAGGAGCAGCGGCTCATG



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TATGAGCGAGAGCTAGAGCAGCTCCGTCAGCAGCTCTCTCCCAGAGGCAGCCGCCAGCAGCGCTCCG
 ATCGCCTGGCCTACAGCAGCCAGACAGCCAGCAGAAAGTGACCCAGTGGGCTGAGGAGAGGGATGAACT
 CTTTCGGCAGAGCTTGGCCAAGCTTCGAGAGCAGCTGGTAAAAGCCAACACTTTGGTGAGGGAAGCCAAC
 TTCCTGGCTGAGGAGATGGGCAAACACTGACTACCAAGTGACTCTTCAGATCCCTGCGGCCAACCTCA
 GTGCCAACAGGAAGAGAGGAGCGATTGTGAGTGGCCGATCCAGGCCAGGAGAAAGGAAAGAGCAC
 CCAGGTCTGGACCATCGAGAAGCTGAAAATAAGTTAATTGATGAGAGACCTTACCAAGAATGGAAA
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 ACAGCAGCGGGGAAGTCATCCACCGGTCAAAAACTGACGTGCCGGTGATAATTAAGAGGCAACGGG
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 TCGGGAGTGAACCTCATCCTGCCAAGGAGCATGGCAGCCAGTTTTTCTACCTGCCCATATAAAGCACA
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 GAGTTAGTGTTCGGAAGCGGATTGCAGCAATATTTATAACAAGCAGAGTTTACGCAGAGTTTAAAGA
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 CAGTACACCGAATGTTCAACAACGTCTCCTCTAGCCGGCCAGATCTCTCTGGCTTCGATGAAGATGATAAG
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 CAGCCCTTTTAAAGCGTCTCTCCTCAGCCACCAAGTTCTTCAAACCCCTAATGCCTGTAAAAGAGGAA
 CACAAGAAAAGAAATGGCCCTGGAAGCGAGACCTCTCCTAAGCCAAGAGGACTCCGAAGAGGAGGAAAATG
 AGCTGGAAGCTGTACCCGGAAGCTGATGCACGCACAGCCTTACGTGCCGTGGAGTTTGTGACTTCAG
 TGTTTACAATGCCAGCTTGAGAACAGGGAGTGGTCTTCTAAGCAGACCTGACAGACTCCAGAGCC
 TTGGAGAAAGCAGTGTCTCGTAGCCCTACCACAGCAGCCTCACCAGTGGCTACTTCTCCACAGTGCCT
 CCAACGCCACTCTGTCTGACATGGCAGTCCCTTCCAGCGACAGCTCAGACCAGCTAGCCCTCTCCACCAA
 GGAGGCCGAGTGCCGGGAGCACTCGGGACCATCACTCGCACCCGACTTACACCAGCTTCGACTCAAGAG
 CTTACTGAAGCAGAAAGAGGCTTGGGAAGGATAAGACAATCACCGTGCCTCTCGAGGAGAACAGTGCCT
 TACCCAGGGGAGCCATCACCCAGAGCATCCCCGAGGAAAATCCCAGAATGCCGTGCAGGACTGCTTT
 GGGTTCAGAACTGGATGCCGGCCCCAGCAAAGAGGGCCACCAAGCCAGAGAATTTGCCAGGAGAGGTG
 ACGATAGAACACACTACGAACATTTTGGAGGACCCTCCTTACAGAGTTCATGGGTGTGTCGATGGCA
 AAGACTTCGATGTTTGGCAGATTGTTCCGTAGGAGAGCCCTCCAGTAGGACGGATCTAACCATTTGAAAC
 AGGCCGTAAAGGTATCCAGAGGGTCCCCAGATGCTGGCCAGCTGCATTCCAAGATAGAGAACGACCAG
 ACGCTTACCCGTTCTCTGAGATTCCATAG

AGCGGACCGACGCTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-RsrII
ACCN:	NM_001107462
Insert Size:	5070 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_001107462.1, NP_001100932.1</u>
RefSeq Size:	6733 bp
RefSeq ORF:	5070 bp
Locus ID:	308173
Cytogenetics:	17p14