

Product datasheet for **RN206779**

KIhl14 (NM_001108885) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	KIhl14 (NM_001108885) Rat Untagged Clone
Tag:	Tag Free
Symbol:	KIhl14
Synonyms:	RGD1566178
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN206779 representing NM_001108885
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGTCCAGATCCGGGGACAGGACCTCCACCTTCGACCCAGCCACAGTGACAACCTGCTGCACGGTCTCA
 ACCTGCTGTGGAGGAAGCAGCTATTTTGCACGTGACCCGTGACAGCCCAAGGCCAACAGTTCCTACTGCCA
 CAAGGCCGTGCTGGCCTCCTGCTCGCAGTACTTCCGATCACTTCTCTCCAGCCACCCCCCTCTGGGGGA
 GGGGTCCGGCGCCAGGACGGCCTGGGGGCCCAAGACCAGCAGCAGCAGCAGCAGCCGCAGCAGCAGC
 CTTACAGCAGCAGCAGCAGCCACCACAGGAGGAGCCCGGGACTCCTTCTCTCCCCGACGACAAGCT
 GCTGACCAGTCCCGAGCCATCAACAACCTAGTGTGACGGGCTGCTCGTCCATCGGGCTGCGCCTAGTG
 CTTGAATACCTCTACACGGCCAACGTGACCCTGTCCCTGGACACCGTGGAGGAGGTGCTGTCGGTCAGCA
 AATCCTGCACATTCTCAGGTCACCAAGCTCTGCGTTCAAGTTCCTCAACGACCAGATCTCGGTGCAGAA
 CTACAAGCAGGTGTGCAAGATCGCCGACTGCACGGCCTGGAGGAGACCAAGAAGCTGGCCAACAAGTAC
 CTGGTGGAGGATGTGCTGTTGCTTAACTTCGAGGAGATGCGTGCCTGCTGGACTCGCTGCCGCCCCCG
 TGGAGTCCGGAGCTGGCACTTTTCCAGATGTCCGTGCTGTGGTGGAGCAGCAGCCGTGAGACCCGATGCA
 GTACGCGCCCGACCTCATGAAGCGCCTTCGCTTTCGCGCTCATCCCGCCCGGAGCTGGTGGAGCGGGTC
 CAGTCCGTGGATTTATGCGCACCGACCCGGTCTGCCAGAAGCTGCTGCTGGACGCCATGAACTACCACC
 TGATGCCCTTCAGGCAGCACTGCAGGCAGAGCCTGGCCAGCAGAATTCGCTCTAACAAAGAAAATGCTGCT
 GTTGGTGGAGGGTTGCCTCTGGACCAGACCGGCTCCCAGCAATCTGGTTCAGTATTATGACGACGAA
 AAGAAGACATGGAAAATACTACAATTATGCCTTACAACAGTGCCACCCTGCGTTGTAGAGGTAGAAA
 ACTTCTGTTTCGTTGGTGGAGAGGACCAGTGAACCCAAATGGAAAACATAGTACAAAATTTTGTCCAG
 CCGATGATGATCCCGATTTAATAGTTGGATTCAACTTCCACCCATGCAAGAAAGAAGAGCCAGTTTCTAC
 GCATGTCGCTTGACAAGCATTATATGTGATCGGCGGGAGGAACGAAACTGGCTACCTGTCCAGTGTGG
 AGTGCTACAACCTGGACACAAACGAGTGGCGCTATGTGTCGCTCTGCCTCAGCCGCTGGCAGCCACGC
 AGGAGCAGTGCACAATGGGAAAATATACATTTAGGGGGAGTGCACAACGGAGAGTATGTCCTGGTTG
 TATTGTTATGACCCGGTTCATGGATGTCTGGGCCGCAAACAAGACATGAACACGAAGCGTCCATCCACA
 CTCTGGCTGTGATGAACGATCGCTTGTATGCAATTGGAGGGAATCATTGAAAGGCTTCTCCACCTAGA
 CGTCATGCTTGTGGAGTGTATGACCCAAAAGGTGACCAGTGAATATACTCAAACACCCATCCTGGAG
 GGTGCAAGTGGGCTGGCTGTGCGGTGCTCGATGACAGCATTTATCTAGTTGGAGGCTACAGCTGGAGTA
 TGGGTGCCCTACAAGTCTCTACAATCTGCTATTGTCCAGAAAAAGGAACCTGGACAGAAGCTGAAGGCGA
 TGTGGCTGAACCTCTGGCAGGCCAGCCTGTGGCAGAGTCATTCTACCAGCCTGTGTGCCCTACAACAAA
 TGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001108885
- Insert Size:** 1893 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: [NM_001108885.1](#), [NP_001102355.1](#)

RefSeq Size: 4068 bp

RefSeq ORF: 1893 bp

Locus ID: 364823

Cytogenetics: 18p12