

Product datasheet for **RN206779**

Klhl14 (NM_001108885) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Klhl14 (NM_001108885) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Klhl14
Synonyms:	RGD1566178
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTCAGATCCGGGACAGGACCTCCACCTTCGACCCAGCCACAGTGACAACCTGCTGCACGGTCTCA
 ACCTGCTGTGGAGGAAGCAGCTATTTTGCACGTGACCCGTGACAGCCCAAGGCCAACAGTTCCTACTGCCA
 CAAGGCCGTGCTGGCCTCCTGCTCGCAGTACTTCCGATCACTTCTCTCCAGCCACCCCTCTCGGGGGA
 GGGGTCCGGCGCCAGGACGGCCTGGGGGCCCAAGACCAGCAGCAGCAGCAGCAGCCGCAGCAGCAGC
 CTTACAGCAGCAGCAGCAGCCACCACAGGAGGAGCCGGGACTCCTTCTCTCCCCGACGACAAGCT
 GCTGACCAGTCCCGAGCCATCAACAACCTAGTGTGACGGGCTGCTCGTCCATCGGGCTGCGCCTAGTG
 CTTGAATACCTCTACACGGCCAACGTGACCCTGTCCCTGGACACCGTGGAGGAGGTGCTGTCGGTCAGCA
 AATCCTGCACATTCTCAGGTCACCAAGCTCTCGTTTCAGTTCCTCAACGACCAGATCTCGGTGCAGAA
 CTACAAGCAGGTGTGAAGATCGCCGACTGCACGGCCTGGAGGAGACCAAGAAGCTGGCCAACAAGTAC
 CTGGTGGAGGATGTGCTGTTGCTTAACTTCGAGGAGATGCGTGCCTGCTGGACTCGCTGCCGCCCCCG
 TGGAGTCGGAGCTGGCACTTTTCCAGATGTCCGTGCTGTGGTGGAGCAGCAGCCGTGAGACCCGCATGCA
 GTACGCGCCCGACCTCATGAAGCGCCTTCGCTTTCGCGCTCATCCCGCCCGGAGCTGGTGGAGCGGGTC
 CAGTCGGTGGATTTATGCGCACCGACCCGGTCTGCCAGAAGCTGCTGCTGGACGCCATGAACTACCACC
 TGATGCCCTTCAGGCAGCACTGCAGGCAGAGCCTGGCCAGCAGAATTCGCTCTAACAAAGAAAATGCTGCT
 GTTGGTTGGAGGGTTGCCTCTGGACCAGACCGGCTCCCAGCAATCTGGTTCAGTATTATGACGACGAA
 AAGAAGACATGGAAAATACTACAATTATGCCTTACAACAGTGCCACCCTGCGTTGTAGAGGTAGAAA
 ACTTCTGTTCGTGTTGGTGGAGAGGACCAGTGAACCCAAATGGAAAACATAGTACAAAATTTTGTGTCAG
 CCGATATGATCCCGATTTAATAGTTGGATTCAACTTCCACCCATGCAAGAAAGAAGAGCCAGTTTCTAC
 GCATGTCGCTTGACAAGCATTATATGTGATCGGCGGGAGGAACGAAACTGGCTACCTGTCCAGTGTGG
 AGTGCTACAACCTGGACACAAACGAGTGGCGCTATGTGTCGCTCTGCCTCAGCCGCTGGCAGCCACGC
 AGGAGCAGTGCACAATGGGAAAATATACATTTAGGGGGAGTGCACAACGGAGAGTATGTCCCGTGGTTG
 TATTGTTATGACCCGGTTCATGGATGTCTGGGCCGCAAACAAGACATGAACACGAAGCGTCCATCCACA
 CTCTGGCTGTGATGAACGATCGCTTGTATGCAATTGGAGGAATCATTGAAAGGCTTCTCCACCTAGA
 CGTCATGCTTGTGGAGTGTATGACCCAAAAGGTGACCAGTGAATATACTCAAACACCCATCCTGGAG
 GGTGCAAGTGGGCTGGCTGTGCGGTGCTCGATGACAGCATTTATCTAGTTGGAGGCTACAGCTGGAGTA
 TGGGTGCCCTACAAGTCTCTACAATCTGCTATTGTCCAGAAAAAGGAACCTGGACAGAACCTGAAGGCGA
 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