

Product datasheet for **MC219944**

Klhl14 (NM_001081403) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Klhl14 (NM_001081403) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Klhl14
Synonyms:	6330403N15Rik; A1785250; printor
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC219944 representing NM_001081403
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGTCCAGATCCGGGACAGGACCTCCACCTTCGACCCAGCCACAGTGACAACCTGCTGCACGGTCTCA
 ACCTGCTGTGGAGGAAGCAGCTATTTTGCACGTAACCCCTGACAGCCCAAGGCCAACAGTTCCTACTGCCA
 CAAGGCCGTGCTGGCCTCCTGCTCGCAGTACTTCCGATCACTTCTCTCCAGCCACCCCCCTCTGGGGGA
 GGGGTCCGGCGCCAGGACGGCCTGGGGCCCCCAAGACCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGC
 CTCCACAGCAGCAGCAGCCGCCACAGGAGGAGCCGGGACTCCTTCTCTCCCCGACGACAAGCT
 GCTGACCAGCCCCAGAGCCATCAACAACCTAGTGTGACGGGCTGCTCGTCCATCGGGCTGCGCCTAGTG
 CTTGAATACCTCTACACAGCCAACGTGACCCTCTCCCTGGACACCGTGGAGGAAGTGTGTCGGTCAGCA
 AATCCTGCACATTCTCAGGTCACCAAGCTCTGCGTTCAGTTTCTCAACGACCAGATCTCGGTGCAGAA
 CTACAAGCAGGTGTGAAGATCGCCGACTGCACGGCCTGGAGGAGACCAAGAAGCTGGCCAACAAGTAC
 CTGGTGAAGATGTGCTGTTGCTAACTTCGAGGAGATGCGTGCCTGCTGGACTCGCTGCCGCCCCCGG
 TGGAGTCGGAGCTGGCACTTTTCCAGATGTCCGTGCTGTGGTGGAGCAGCAGCCGTGAGACCCGATGCA
 GTACGCGCCCGACCTCATGAAGCGCTCCGCTTTGCGCTCATCCCGCCCGGAGCTGGTAGAGCGGGTC
 CAGTCCGTGGATTTATGCGCACCGACCCGGTCTGCCAGAAGCTGCTGCTGGACGCCATGAACTACCACC
 TGATGCCCTTCAGGCAGCACTGCAGGCAGAGCCTGGCCAGCAGAATTCGCTCAACAAGAAAATGCTGCT
 GTTGGTTGGAGGATTGCCTCCCGACCAGACCGGCTCCCGAGCAATCTGGTTCAGTATTATGATGACGAA
 AAGAAGACATGGAAAATCCTCACAATTATGCCTTACAACAGTGCCACCCTGCGTTGTAGAGGTAGAAA
 ATTTCTGTTTCGTGTTGGTGGAGAGGACCAGTGAACCCAAATGGAAAACATAGTACAAAATTTTGTGTCAG
 CCGGTATGATCCCGATTTAATAGTTGGATCCAACCTCCACCCATGCAAGAAAGAAGAGCCAGTTTCTAT
 GCATGCCGCTTGACAAGCATTATATGTGATCGGCGGGAGGAACGAAACCGTTACCTGTCCAGTGTGG
 AGTGCTACAACCTAGACACAAACGAGTGGCGCTATGTGTCATCTCTGCCTCAGCCGCTGGCAGCCCATGC
 AGGAGCAGTGCACAATGGGAAAATATATATTTAGGGGGTGTGCACAACGGAGAGTACGTCCCATGGTTG
 TATTGCTATGACCAGTCATGGATGTCTGGGCCGAAAACAGGACATGAACACAAAACGTGCTATTACACA
 CCCTGGCTGTGATGAATGATCGTTGTACGCAATCGGAGGAATCATTGAAAGGTTTCTCCACCTGGA
 CGTCATGCTTGTGGAGTGTATGACCCAAAAGGCGACCAGTGAATATTCTCAAACCTCCATCCTGGAG
 GGTGCAAGTGGCCCTGGCTGTGCGGTGCTTACGACAGCATTATCTAGTTGGAGGATACAGCTGGAGTA
 TGGGTGCCACAAAGTATCTACAATCTGCTATTGTCCAGAAAAGGAACCTGGACAGAACCTGAAGGTGA
 TGTGGCTGAACCCCTGGCAGGCCAGCCTGTGCAACAGTCATTCTACCAGCCTGTGTACCCTACAACAAA
 TGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001081403
- 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_001081403.1](#), [NP_001074872.1](#)

RefSeq Size: 4018 bp

RefSeq ORF: 1893 bp

Locus ID: 225266

UniProt ID: [Q69ZK5](#)

Cytogenetics: 18 A2