

Product datasheet for **RN201862**

Klhl10 (NM_001001510) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Klhl10 (NM_001001510) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Klhl10
Synonyms:	MGC94527
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

Fully Sequenced ORF: >RN201862 representing NM_001001510
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAGATGGAGAGCTCGGCGGCCTCCACCCGGTTCCACCAGCCTCACATGGAGAGGAAAATGAGCGCGA
 TGACCTGTGAGATCTTCAACGAGCTCCGGCTTGAGGGCAAGCTCTGTGACGTGGTCATCAAAGTCAATGG
 CTTTCGAGTTCAATGCCATAAGAACATCCTCTGTAGCTGCAGTTCCTACTTTAGAGCTTTGTTTACAAGT
 GGCTGGAACAACACTGAGAAGAAGTTTACAACATTCTGGCATTTCCTCCGACATGATGAAGCTAATCA
 TTGAGTATGCGTACACTCGGACCGTGCCAATCACCCCTGACAACGTGGAGAAGCTGCTGGCTGCTGCCGA
 CCAGTTTAAACATCATGGGAATTGTTAGGGGTGCTGTGAGTTCCTCAAGTCGGAGCTGTGCTGGATAAC
 TGTATCGGTATCTGCAAGTTCACGGACTACTACTGCCCTGAGCTGAGGCAGAAGGCCTACATGTTCA
 TCCTGCACAACCTCGAGGAGATGGTGAAGGTCTCGGCGGAGTTTCTGGAGCTCTCGGTCACTGAGCTCAA
 GGATATCATTGAGAAAGATGAACCTCAACGTGAAGCAGGAGGACGCAGTATTTGAGGCCATTTTGAAGTGG
 ATTTCTCAGACCCCCAAAATAGGAAGCAACATATTTAGTTTTACTTCCTAAGGTTTCGCTGGCCCTAA
 TGCATGCTGAGTACTTCAATGAATAATGTTAAGATGAATGACTATGTCAAAGACAGTGAAGAATGTAACC
 AGTCATCATTAAACGCCCTAAAGGCTATGTATGACCTGAACATGAACGACCCCTCCAATTCTGACTTCACC
 AACCCACTCACCAGGCCCGCCTACCCTATGCCATCCTATTTGCTATTGGCGGCTGGAGTGGCGGAAGCC
 CCACCAATGCCATTGAGGCCTATGATGCTCGAGCAGACCGCTGGGTGAATGTACGTGTGAGGAAGAAAG
 TCCTCGAGCCTACCATGGGGCAGCCTACTTGAAAGGCTATGTTTACATCATCGGGGGTTTGATAGCGTA
 GACTACTTCAATAGCGTTAAGCGTTTGAACCCGTGAAGAAAACCTGGCACCAAGTGGCCCTATGCACT
 CTAGACGTTGCTATGTCAGCGTGACAGTCTCAGCAATTCATCTATGCCATGGGAGGTTTGATGGCTA
 CGTGCGTCTCAACACCGCTGAACGGTACGAGCCAGAGACCAACCAATGGACACTCATTGCCCCCATGCAC
 GAGCAGCGGAGTGATGCGAGCGCCACAACACTCTACGGGAAGGTCTACATATGTGGTGGGTTTAATGGAA
 ATGAATGCCTGTTTACAGCAGAAGTGTAACACCGAGAGCAATCAATGGACAGTCATTGACCCATGAG
 GAGCAGGAGGAGTGGAATAGGTGTAATTGCTTACGGGGAACATGTATACGAGTGGGTGGCTTTGATGGA
 GCCAATCGACTGAGAAGTGAGAAGCCTACAGTCCAGTGGCTAATACTTGGCGACAATCCCCACTATGT
 TTAACCCCTCGTAGCAATTTTGGGATCGAGGTAGTGGACGACCTCTGTTTGTGGTGGGTGGCTTTAATGG
 CTTTACCACCACCTTTAATGTTGAGTGCTATGATGAAAAGACCGATGAGTGGTATGACGCTCATGACATG
 AGCATATACCGCAGTGCTCTGAGCTGCTGCGTGGTACCAGGGCTAGCCAATGTTGGGAGATATGCAGCTA
 GACGGGACAACCTCACGGGATTAGCACTGCGAGATGAAGTAAAGTATCCGCTTCGACAAGTACCCTACC
 TGTAT**G**A

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI

ACCN: NM_001001510

Insert Size: 1827 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:	<u>NM_001001510.1, NP_001001510.1</u>
RefSeq Size:	2012 bp
RefSeq ORF:	1827 bp
Locus ID:	303533
UniProt ID:	<u>Q6JEL3</u>
Cytogenetics:	10q31
Gene Summary:	May be a substrate-specific adapter of a CUL3-based E3 ubiquitin-protein ligase complex which mediates the ubiquitination and subsequent proteasomal degradation of target proteins during spermatogenesis.[UniProtKB/Swiss-Prot Function]