

Product datasheet for **RN207067**

Klhl36 (NM_001017511) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Klhl36 (NM_001017511) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Klhl36
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN207067 representing NM_001017511
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAGGCCAGCAAGCAGATGCGAGTGTCTCGGCCATACAAAATCAGCGAGTCTTCAAAGGTGTACCACT
 GGCTGGCCACTCCACCACGGTGTTCAGCGGCTGAACGAGCAGCGGCTGCATGGCCTCTTCTGTGATGT
 GGTCTCGTGGTGAAGAGCAGCAAGTCCGGCTCACCGCAACCTTCTGGCCGTGTGCAGCGACTTCTC
 AACTCCATGTTACACTGGGCATGCGCGAAGCTTCCAGAAGGAGGTGGAGCTGGTGGGCACCTCTACG
 TGGGGCTCAAGGCTGTGGTGGATTTCTCTACAGCAGCGAGCTGGAGCTGGACGGCAGCAACATCGACTA
 CATCTGGAGACCGCCTTGTGCAGATCTGGACAGTGGTGGACTTCTGCTGCGAGTACCTGGAGCAG
 GAGGTGAGCGAGGACAATCTATACTGCAGGAGCTGGCGTCCATCTACAGCCTCAAGCGACTCGATG
 CCTTCATCGATAGCTTCGTACTGAACACTTCAGCACGCTGTCTTACGCCTGATTTCTGCAAACCGT
 CTCTGTGCAGAAGCTGTGTATCTACCTGAGCAGTGGCCAGGTACAGCACAGTGGGAATACGACCTGCTG
 CAGGCAGCTCTACAGTGGCTCACGCAGCAGCCGAGCGGAGGTGCACACCTGTCCGCTGCTGGAGAACA
 TCCGCTTCCCCTCTTCCCCGAGGACATCTGCTACAGCGGGTGAAGCTGGCCATGTGCTCGCTGCTGCC
 CAGTGAGGCCAACGGCGAGGGCTTTGTGGAGGAGGCCATGCACTACCACAACAGCCTGGTGGCCAGCCA
 GTCCTGCAGACGAAGCGAACGCTCTGCGTTCCGAGGAGTGTCTTCTCGTAGGTGGTGGAGTCTCTG
 AGCGGTGTCTGGAGCTGAGCGATGACACCTGCTACCTGGACACCAAGAACGAGCAGTGGGTGAAGGAGAC
 ATCCCTACCGGCCCGCCGAGCCACCCTGCGTTGCCGTGCTGGGGGCTTCTATAGGTATGACCCCGCCGTAAC
 AGTGGATCAAGGTGGCGTCCATGAACAGCGCCGTGTGGATTTCTACCTAGCCTCCATCGAAGACATGCT
 GGTGGCTGTCCGGGGCCGGAACGAGAATGGAGCCCTGTCTTCTGTAGAGACCTACAGCCCAAGACCAAC
 TCTGGACCTATGTGGCTGGCTTCCCAAGTTCACCTATGGCCACGCAGGCACCTCTACAAAGACTTTG
 TGTACATCTCAGGGGGCCATGACTACCAGATTGGCCATACAGAAAGAACCTGCTGTGTTACGACCACCG
 GACCGATGTGTGGGAGGAGGGCGGCCATGACAAACAGCTCGGGGCTGGCACAGCATGTGCAGCCTGGGT
 GACAGCATCTATCCATCGGGGGCAGCGACGACCACATGGAGTCCATGGAGCGCTTTGACGTGCTGGGCG
 TGGAGGCTACAGCCACAGTGAACAGTGGACTCGCGTGGCGCCACTGCTGCAGGCCAACAGTGAATC
 AGGCGTGGCCGTGTGGCAGGGCCGATCTATATCCTGGGGGCTACAGCTGGGAGAGCACGGCTTCTCC
 AGGGCTGTGCAAGTGTATGACCGTGAGGCCAACAGGTGGAGCCGGGGCCGATCTCCCCAACGCCATTG
 CAGGTGTGTAGCCTGTGTGCGCCCTCAACCCAGGCTGGAGGAAAAGAAGAAGAACAAGACAA
 ACGCCAGGACCGAGGTCA**GTGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001017511

Insert Size: 1842 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_001017511.1](#), [NP_001017511.1](#)

RefSeq Size: 2101 bp

RefSeq ORF: 1842 bp

Locus ID: 498957

UniProt ID: [Q66HD2](#)

Cytogenetics: 19q12

Gene Summary: Probable substrate-specific adapter of an E3 ubiquitin-protein ligase complex which mediates the ubiquitination and subsequent proteasomal degradation of target proteins.
[UniProtKB/Swiss-Prot Function]