

Product datasheet for **RN209974**

Klhl40 (NM_001108195) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Klhl40 (NM_001108195) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Klhl40
Synonyms:	Kbtbd5
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN209974 representing NM_001108195
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**C

ATGACGCTGGGCTTGGAGCAGGCGGAGGAGCAGCGTCTGTACCAGCAGACGCTCCTGCAGGATGGCCTCA
 AGGACATGCTGGACCACGGCAAGTTCCTGGACTGCGTAGTGCGTGTGGGTGAGCGCGAGTCCCGTGCCA
 CCGCCTGGTGCTGGCTGCCTGCAGCCCCACTTCCGTGCGCGTTTCTGGCTGAGCCAGATGGCGCGGGA
 GAGCTACGCTGGAGGAGGTGTCGCTGATGTAGTGTCAGGTGCTGCACTACCTGTACACATCGGAGA
 TCGCGCTGGACGAGGCAAGCGTTCAGGACCTGTTGCCGCGCGCATCGATTCCAGATCCCGTCCATCTT
 CACCATCTGCGTGTCTTCTGCAGAAGCGCTGTGCTTGGCTAATTGCCTGGCTGTCTCCGCTCGGC
 CTCCTGCTGGACTGTGCGCTCTAGCTGTGGCCGCGCGCACTTCATCTGCGCACGTTTCCGCTGGTGG
 CACGCGACAACGACTTCTGGGACTCTCAGCTGATGAGCTGATCGCCATCATCTCCAGCGATGGCCTCAA
 CGTGGAGAAGGAGGAGGAGTGTTCGAGGCTGTGATGCGCTGGGCCAGCAGCGGCGATGCCGATGTGCAG
 GCCGAGACACGCGTGCCTTGCACAGGCTCTCGAGAGCATTGCTGCCGCTGTGCTCGTGTCTTCC
 TGGAGAGCCGCTGGAGCGCCACCCACTTGTGCGCTCCAGCCTGAGCTGTTGCGCAAGGTACAGATGGT
 GAAGGACGCACACGAGGGCCGCTCACTACGCTGCGCAAGAAAAAGAGGAGAAGGTGAGCAGACAGCT
 CGGACCAAGGAGGCCAACAGGGCACAGAAGACACCAAGGCTGAGGATGATGAGGAACGAGTGCTGCCCC
 GGATACTCAATGATACTCTGCGCTTCGGCATGTTCTGCAGGATCTCATCTTCATGATCAGCGAGGAGGG
 CGCTGTGGCGTACGACCCAGCTGCCAACGAGTGCTACTGTGCATCCCTGTCCACCCAGATCCCCAAAAAC
 CATGTCACTCTCGTGACCAAGGAGAACCAAGTCTTCGTGGCCGGTGGCCTCTTCTACAACGAGGACAACA
 AGGAAGACCCCTATGAGTGCTTACTTCTGCAGTTTGACCACTGGACTCTGAGTGGCTGGGGATGCCGCC
 TCTCCCCCTCACCTCGCTGCCTCTTCGGCCTGGGGGAGGCTCTTAATGCCATCTACGTGGTCGGCGGCCGG
 GAGCTCAAGGACAGCGAAGACAGCCTGGACTCAGTCTGTGCTACGACAGGCTGTCATTCAAATGGGGTG
 AGTCAGACCCGCTGCCCTATGCGGTTTACGGCCATTCCGTGCTTTACACATGGACCTTGTCTATGTCAT
 TGGCGGCAAAGGCAAAGACAGGAAATGTCTGAACAAGATGTGTCTACGACCCCAAGAAGTTTGAGTGG
 AAGGAGCTAGCACCCATGAAGACAGCCCGCTCACTTTGGGGCCACCGTCCATGATGGCCGCATCTTTG
 TGGCTGCAGGGGTGACAGACACAGGGCTTACCAGCTCCACAGAGGTGTACAGCATCGCAGACAACAAGTG
 GACCCCTTTGAGGCCTTCCCTCAGGAACGCAGCTCGCTCAGCCTGGTCAGCCTGGCTGGCACCATTCAA
 TGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI

ACCN: NM_001108195

Insert Size: 1683 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_001108195.1, NP_001101665.1

RefSeq Size: 2266 bp

RefSeq ORF: 1683 bp

Locus ID: 316088

Cytogenetics: 8q32