

Product datasheet for **RN206640**

Klhl41 (NM_057191) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Klhl41 (NM_057191) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Klhl41
Synonyms:	Kbtbd10; Krp1; Sarcosin
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN206640 representing NM_057191
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**

ATGGATTCCAGCGGGAGCTTGCAGAGGAATCCGGCTTTACCAATCCACCCTTCTTCAGGATGGTCTAA
 AAGATCTCCTGGAAGAGAAAAATTCATCGATTGTACCTAAAAGCAGGTGACAAAAGTTTTCTTGCCA
 CAGACTGATATTGTCGGCTTGTAGCCCTTACTTCGCTGAGTATTTCTTATCTGAAATTGAGGAGGAGAAG
 AAAAGGAGATGGCGCTAGACAATGTAGATCCTGCTATACTTGATTTGATCATCAATACCTGTACTCTG
 CCAGTATTGATCTCAATGACGGGAACGTGCAAGACATCTTCGCCCTGTCCAGCCGCTTCAGATTCCGTC
 GGTGTTACCGTCTGTGTGCTTACCTTCAGAAAAGACTGGCTCCTGGTAAGTGTCTGGCCATCCTAAGA
 TTGGGGCTTCTTCTCGACTGTCCAAGACTTGCCATTTCTGCCCGGAGTTTGTGTCAGATCGCTTTGTGC
 AGATTTGTAAGGAAGAAGACTTCATGCAACTGTCCACAGGAGCTGATCTCTGTCATTTCAAATGACAG
 CCTCAATGTAGAAAAGGAGGAAGTGGTATTTGAGGCCGTGATGAAATGGGTACGGACAGACAAAAGAAAC
 AGGGCGAAAAATCTTAGTGAAATTTGACTGTATTCGTTTTCGCTTATGGCTGAGAAATATTTCAAAG
 ATCATGTCGAGAAGGATGACATAATTAAGCAACCCAGAAAGTCCAGAAAAAATCAAAGTTCTAAAGGA
 CGCTTTTGCAGGCAAACTTCGGAACCCAGCAAAAGCGCAGAGAAAGGGGGACGGGCGAGGTGAACGGT
 GATGTTGGTGATGAAGACTTACTTCCTGGTTACCTGAATGATATCCCCAGGCATGGAATGTTTCGTCAAAG
 ATCTCATCCTCTTGGTCAATGACACAGCTGCAGTGGCGTATGACCCCATGGAAAATGAGTGTATCTTAC
 TGCCCTAGCTGAGCAGATCCCAGAAATCATTCCAGTATTGTTACCCAACAGAACCCAGGTCTACGTGGTC
 GGAGGACTGTACGTGGACGAAGAGAATAAAGATCAACCCCTGCAATCCTACTTTTTCCAGCTTGATAACG
 TATCATCTGAGTGGGTTGGACTACCGCTCTCCCGTCAGCCAGGTGCCTCTTTGGTCTGGGAGAGGTAGA
 TGACAAAATCTATGTGGTCGCCGCAAGACCTTCAGACAGAGGCCTCCCTGGATTCCGTGTTATGCTAT
 GATCCTGTGGCTGCAAGTGGAGCGAAGTGAAAAATCTTCCTATTAAGTTTATGGGCATAATGTGATCT
 CACATAATGGGATGATATACTGTCTGGCGGAAAGACAGATGACAAAAGTGTACGAATAGGGTGTATAT
 CTACAACCCCAAGAAAGGAGACTGGAAGGATCTGGCTCCAATGAAAACCCACGTTCCATGTTTGGAGTG
 GCAATCCACAAGGCAAAATCGTGATCGCAGGAGGCGTCACTGAAGATGGCCTTTCAGCTTCAGTTGAAG
 CCTTCGACCTCAAACCAATAAGTGGGAAGTGATGACGGAATTTCCCAAGAAAGAAGCTCCATCAGCCT
 GGTGAGCCTGGCCGATCCCTGTACGCCATCGGCGCTTTGCGATGATTAGTTGGAATCTAAAGAGTTC
 GCGCCCACTGAAGTCAATGACATATGGAAGTATGAAGATGATAAAAAAGAATGGGCTGGGATGCTGAAGG
 AGATTCGATATGCTTCGGGAGCTAGTTGCCTAGCAACACGCTTAAATCTGTTAAACTGTCTAAACTATA
 A

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_057191

Insert Size: 1821 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_057191.1, NP_476539.1</u>
RefSeq Size:	2316 bp
RefSeq ORF:	1821 bp
Locus ID:	117537
UniProt ID:	<u>Q9ER30</u>
Cytogenetics:	3q21
Gene Summary:	required for pseudopod elongation in fibroblasts [RGD, Feb 2006]