

Product datasheet for **RN213856**

Klhl42 (NM_001109257) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Klhl42 (NM_001109257) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Klhl42
Synonyms:	Klhdc5; RGD1560924
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN213856 representing NM_001109257
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGC**

ATGTCGGCCGAGGAGATGGTGCAGATCCGCCTGGAAGACCGCTGCTACCCGGTGAGCAAGAGCAAATTGA
 TCGAACAGAGCGACTACTTCCGCGCTCTCTACCGCTCCGGCATGCGCGAGGCCGTGCGGCCCGAGGTGGG
 TCCGGAGGTGCAGCAGCTGCGCGCCTGAGCGCTCCGGGCTGCGGCTGGTGTGGACTTCATCAACGCG
 GGCGGCGCGCGAGGGCTGGGGCTGAGCGAGGACGAGTTGGCCGAGGCCAGCGTGTGGCCGAGATGG
 TGGAGGCCGCGTCTTTCTGCAGGTACGGCGCTGCTGCGCTTGTGCTGTGCGATGTGCGTCTGGGCAA
 CTGCTGGAGCTGTACCGCTGGCGCAGGTGTACGGGCTGCCGACCTGCAGGACGCTGCCTGCGCTTC
 ATGGTGTGCGCTTCCACAGGTGCTGTGCCAGCCGAATTCCTGCTACTGCTGTGCGCCCTCAGGCCC
 CCGGGGACTGCAGCTGAAGCAGAGGTTGCGGGAGGCCCGCATGCGGGGACCCCGTCTGGTGGCCCT
 GGGGACTTCTCGGGGACCCCTGGTCCGCACCCGTATCAGGGGGAACCCCGTCCATGCTTAGGTAT
 GAGGAGACCACAGAGCGCTGGTTCCTCCCTGGCCAAACCTGCCCCCGACCTGGTGAACGTCAGGGGCT
 ACGGCTCAGCCATCTTGACAACCTACCTCTTCATCGTGGGTGGTTACAGGATCACCAGCCAGGAGATCTC
 GGCCGCACACTCTACAATCCCACCACCAACGAGTGGTGCAGGTGGCTTCCATGAACAGAAGCGATCT
 AACTTCAAACCTTGCGTGTCAATTGGAAGCTTACGCCATCGGCGGGCAGGCCGTTTCTAACGTGGAGT
 GCTATAACCCGAACAAGATGCGTGGAATTTGTGGTCCCTGCCGAACCTCTGGCTGAGTTCTCTGC
 GTGCGAGTGCAAGGGGAAGATTTATGTCATCGGTGGATATACTACCCGAGATCGCAACATGAACATCCTG
 CAGTACTGCCCTCCGCTGACCTCTGGACGCTGTTGAGACCTGCGACGTCCATATCCGCAAGCAGCAGA
 TGGTGTCCGTGGAGGAGACCATCTACATCGTGGCGGGTGTCTCCACGAACTGGGTCCAACCGCAGGAG
 CAGTCAGAGCGAGGACATGCTCACCGTGCAGTCTACAACACGGAACTCGGCAGTGGCTCTACCTGAAG
 GAGAACACGTCCAAATCAGGCCTGAACCTTGACGTGCGCACTACACAATGACGGCATCTACATTATGAGCA
 GGGACGTACCCCTGTCCACCAGCTTGGAGACCGAGTGTCTCAAGTACAACATCTTTGCGGACAGCTG
 GGAAGCCTTCAGGCGTTCCAGCCTTCGGACACAACCTGTTGATTTCTCTCTATCTGCCCAATAAA
 GCAGAGAC**CTGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001109257

Insert Size: 1482 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_001109257.1, NP_001102727.1

RefSeq Size: 3228 bp

RefSeq ORF: 1482 bp

Locus ID: 500367

Cytogenetics: 4q44