

## Product datasheet for **MC206237**

### **Klhdc4 (BC012312) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Klhdc4 (BC012312) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Klhdc4
Synonyms:	MGC19372
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >BC012312  
TATAGCGCGCCGCTCGTTTCCGGCCAGCAGAACATCATCATTTCATTTGCCTCCGGTTGTCTCCCGGGCG  
CCGCTTCCGAATCGGCGCGATGGCAAGAAGGAAAGAAGGAGAAGAAGGGCCGGGCGCGGAGAAGACG  
GCCGCAAGATGGAGAAGAAGGTGTCCAAGCGCTCGCGGAAGGAGGAGGAAGACCTGGAGGCCATCATAG  
CCCATTTCAGACCTTGGATGCCAAAAAGACCCAGGTACAGAAACACCATGTCTCCACCCTCCCCAG  
GTTAAACGCCTCCCTGTCTGCTCATCTGAGAAAGATGAGCTGATCCTTTTCGGAGGTGAATATTTCAAT  
GGCCAAAAAACCTTCATGTATAATGAACCTACATCTACAGTATCAGAAAGGACACCTGGACAAAAATTG  
ACATCCCTGGCCACCTCCAGGCGCTGTGCTCATCAGGCTGTGGTGGTACCCCGGGTGGTGGCAGCT  
GTGGGTCTTCGGTGGGGAGTTTGCATCTCCCGATGGCGAGCAGTTCTACCATTACAGGACCTCTGGGT  
CTGCACTTGCCACCAAGACCTGGGAACAGATTGATCAACAGGGGGTCTTCAGGTGCAAGCGGGCATC  
GGATGGTGGCCTGGAAGCGACAGCTAATCTTTTTGGTGGCTTCATGAAAGTGAAGGGACTACATCTA  
CTACAGTGTGTACACCTTCAGCCTGGACACCTTCCAGTGGAGCAAGCTGTCCCATCAGGCGCCGGG  
CCCACGCCAGGTGAGGCTGCTGATGGCTGTCACTCCCGGGCAGCATAGCCATCTATGGAGTTACT  
CAAAGCAGAGAGTCAAGAAAGATGTGGACAAAGGCACCCAGCACTCAGACATGTTCTGTGAAGCCTGC  
GGAAGGGGGAGAAGGCAAATGGGCTTGGACCAGGATTAACCTTCGGGGGTCAAGCTACTGCAAGGTCT  
GGCTTTTCTGTGGCTGTGGCTCCAAATCATCAGATACTGGTCTTCGGGGCGTGTGTGATGAGGAAGAGG  
AGGAGAGCCTGGAGGGCTCCTTCTTCAGTGACCTGTATATCTATGATGCGGCCAAGAGTCGCTGGTTTGC  
AGCACAGCTGAAGGGCCCAAGTCAGAGAAGAAGAAACGGAGGCGGGGCAAGGCAGAGGATCCTGAAGGC  
ACCACTGAACAGGAGACTGGGGGAGCAGTGCCCCAGAGCCACTGGAGGTGATAAAAGAGGTGGTGTCTG  
AAGACGGGACAGTGGTACCATTAAAGCAAGTGCTCACTCCCTCAGGGTTGGGGTGCAGCCCTCACCTAA  
GGCTGATGACAGTGCCTCAGAGGCCAGCAGCACTGGACAGGAGCCATGCCCTCGTTCCAACGCCATGCTG  
GCTGTCAAGCATGGACTGCTGTACGTCTATGGCGGCATGTTTGAAGCTGGTGACCGCCAGGTGACCCTTA  
GTGACCTTACTGCCTTGACCTTCACAAGATGGAAGAGTGGAAAACCTTGGTGGAGATGGATCCGAAATC  
CCAGGAGTGGCTGGAGGAGTCCGACTCAGAAGAGGACAGCAGCTCAGATGAAGAGAGTGAAGATGGAGAG  
GATGAAGACCAGGAGGACAGTGCTGAGGAGGGAGCAGATCCGCAGCACCCAGAGGTGGCCGTGGGGAGC  
AATTGCAAGAGTACCTGTCCCGACTGAGCAGCACTGGCTGAAGCTGGCCCGGAGCCATGTGGGGCTGA  
AGCAAAGGAGAAGAAAGTGTGAAAGTAGCCAGGCCATGGCAAATCATGCTTTGATGATGCAGTTCAA  
GACATTGCACAGGCCAGACACTAGACTGCGCAATGGTTTACCATCACTGGTGTGAGCCAGGAGTGAAG  
AGGCCCTGCAGAGTGGTCTTCTGTGAGCCTTGGGTGCCACAGTCTGACGGGGTACGCTGACTTACA  
GTGGCTTCTGTCCACGCGGAACGAGGGTTAGAGTGGGATGTGAATTTGAGGCCACAGGCTGTGTGCTTC  
TGTCATAATAAACTGGGCTGTGTGCTTAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

**Restriction Sites:** RsrII-NotI

**ACCN:** BC012312

**Insert Size:** 1755 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:** [BC012312](#), [AAH12312](#)

**RefSeq Size:** 2094 bp

**RefSeq ORF:** 1755 bp

**Locus ID:** 234825

**Cytogenetics:** 8 E1