

## Product datasheet for **MC219678**

### **Klhdc7b (NM\_001160178) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Klhdc7b (NM_001160178) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Klhdc7b
Synonyms:	EG546648; Gm306
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >MC219678 representing NM\_001160178  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGTTTCTTAGAAGCCACCCCTTCCCCAGGCAAGAAAAGGCCAAGGTAGTGCCCAAGGGCAGATCCGG  
 AGAGTCTGCAGGGCCAGCCCATCCACATACTCTGAAGATATACAACCAGGGTCTCTCTGAAGGCGC  
 CATCTTACGCTCCAGGACAAACACAGACCAGTCTTAGTCACAGCAGTAGGTTCCAGAGAGCCTAGCTGAG  
 GCTAGATGTGAAACACAACCAGTGAGTTTAGAGACTAATGCATCTCTACCCCGGACCCGAGAGGGGATG  
 AAACCAAGCAGAAGAGTCTAGACTTGCTGCCCCCGGCTGCAGAGCCTGTGGCTTCCCCGACGGTCCCTGT  
 TTCGGCACAGCCCGTCTGTACCGCTACTTCTATGAGGCAGGATGCTCAGCCACCCCTCAGCCTCGG  
 CAACGGAGGAGGAAACGCAGCATAGCTCAGAGCTCCGAACACATACTGATCCAGGAAGTACCCAGCAGC  
 CCCAGGGCAGGTGCGAAAGGAGGGAGCCAGACCTACAGACTGCAGGGACATCCTACAGAGAAGCAGAA  
 AGAGACCCAAAAGCTTATGGCTTTCTGCAGAAGCCTGGGAGTTGGGAGTGGTGGAGGGCCCTCATAAG  
 TACTGCTCACAGACCTCGCAGCCTAGCAGCCTAGTGGCGCGTGGCCCCGAAGCTAGATCTAGGGAGCT  
 GCCTGGAGGTTTTGGCCTTCGCCACGACGACGGAGAAGTGGGCTTAGCCAGGAGACCTATGTCTTGAT  
 GAGCAACAACCTACTGCATGTTCTGGGAGACCCACACCTTACCAGACAGTGAAGTGGAGCAGACAGGGAG  
 CGCATCTGAACCTGCGGACGTGCCAGGGCCAGACAGTGTGGGGTCTCGTGTACCCAGCCTTTATC  
 AGGTGAGCCGCTCGGGCTCACGAGGGGCCCTCCAGCGAGGAAGCTCCTGCAGCCAGGTCTGAGCACTT  
 GCATCTTACACATACTCCATGTATTCAACCCACAAGAGAATGTGTGGTGGCCCTGACTCAAGTACCA  
 GAGGAGTCCCCCTTCGGGGCTGTGGCTCTGCACTATGCATAACTATCTGTTTCTGGCAGGCGGCATCA  
 GGGTTCTGGTGCCAAGGCTGTCTGCTCAACAAGGTGTTCTGCTACAACCCTTGACCAATATTTGGAG  
 CCAGATTCGGCCCATGCAGCAAGCCCGGCCAGCTCAAGCTGGTGGCCCTGGATGGAATGCTTTATGCC  
 ATTGGTGGCGAGTGCCTATACAGCATGGAGCGCTATGACCCACGCACAGATACCTGGACCTTGAGAGCAT  
 CCCTCCCTGAGGGCACCTTCCCGTGGCCACGAGGCTGTGGTCTGCCGAGGAGAGATCTACGTACAGG  
 GGGTACATCTTTTACCCTGCTCAGATACAGCCCCATGAAAGACTCATGGGATGAGTGTCCCTACAGC  
 GCCAGCCACCGACGCTCCAGTATATGGTGGCGTAGGGGGCTTCTATACCGCTTTGACTTGTTCGGG  
 GTGTGGTGTGCGGTGATGCGCTACAACACAGTGACCGCTCCTGGAGCCGGGACGCTCCCTGCCACT  
 GTCTGACCCCGCCCACTCCACTGCACGGTATTGGGCAACACCATTTACTGTCTCAACCACAGGTCAGC  
 GCTACCTTACAGTTTCGGAGGGGACCGCCTGTTTCAGGCCAAGGAGCTGCAGCCCTTCCCACTGGGAA  
 GTAAGGGGGTCTCTATCCGTTCACTCTGACTCTGCCCCCTAAGACCTGGTTGCAGACCACAAT**TGA**

**ACGGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_001160178
- Insert Size:** 1818 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\\_001160178.1](#), [NP\\_001153650.1](#)

**RefSeq Size:** 1818 bp

**RefSeq ORF:** 3792 bp

**Locus ID:** 546648

**Cytogenetics:** 15 E3