

## Product datasheet for **MC210808**

### **Klhdc9 (NM\_001033039) Mouse Untagged Clone**

#### Product data:

|                           |                                                                                    |
|---------------------------|------------------------------------------------------------------------------------|
| Product Type:             | Expression Plasmids                                                                |
| Product Name:             | Klhdc9 (NM_001033039) Mouse Untagged Clone                                         |
| Tag:                      | Tag Free                                                                           |
| Symbol:                   | Klhdc9                                                                             |
| Synonyms:                 | 1190002J23Rik; AA087357; ESTM31                                                    |
| Mammalian Cell Selection: | Neomycin                                                                           |
| Vector:                   | pCMV6-Entry (PS100001)                                                             |
| E. coli Selection:        | Kanamycin (25 ug/mL)                                                               |
| Fully Sequenced ORF:      | >MC210808 representing NM_001033039<br>Red=Cloning site Blue=ORF Orange=Stop codon |

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGC**C

ATGGCTGGGGTGCAGACCCTCGGTGCGACGAAGAGGCTCAACCTGGACCTGGAGGCCAGTGGCGGAGACG  
TGCTTCTGGCTCGTGCCTTCCATTCATGCACGGAAGTGAAGGACGGTTCTATCTGGTAGGGGTCTCCT  
AGAAGGTGGTGAAGAGTGCCAGCAACGACACTGTGATCTTTGACCCAGCTGTAGGCCAAGCGGTGCGA  
CTGGTAGCCCGAGGTAGTCCCTTCGACGCCACACGACGCGGCACTGGTGGGAGGTCGTTGGCTCTGCG  
TGGTGGGTGGCTGGGACGGGTACGTCGCTTATCCACGGTGGCCGCGCTGGACACGAGAGAGAGGTGTG  
GGAAGCATGGGCTGCGAACCTGGCAACTGCCCTCCTGCTGGCCTCAGCAGCCACACCTGCACTCGCCTC  
TCAGACGGGGAGCTGCGAGTGTCTGGCAGAGAGGGTGGTACCCACACTCAGCGACGCTACGGAAGCATCT  
ACACGTTAAAGTTGGACCACAGGACCCGAATTTATGCTACAAAGAAGAAGGCTGCCACACAACCTCACG  
ATCAGGCCACTGTGCTGCCCTGCTGCCAAGTGTGGGCCGACCCGGGTATCAGCTTTTGTCTTTGGG  
GGCTGCAACTCAGTTGGACCGGAGGTAGCAGGGCAATGGAGCCCTGGGAAATCAAGGAGGAACAACCA  
TTGCCCTCATTTGAGGGAACAGCTTGAAGGCTTGTGAGCAGTGGGACGGGACTGCAGCAAGGACCCCA  
GAGCCTGCGCCATCATTCTGTTCAGTGGTGGGACCCCTTCGCTGTACTATTTGGCGGAGAACTCTGACC  
AGAGCTAGAGATACGATCTGCAATGATCTCTACATCTACGATACCCGCAAGTCTCCGCTCTGTGGTTCC  
ACTTCCCACTACAGACCGTGGACTGAAGCGCGTGGGCCATCGGACTTGCCTTTGGAATGACCAAGCTTTA  
TTTGGTTGGGGTTTTGGTGAGGACGGCAGGACAGCTAGCCACAGGTTGCATCCTGGAATTTCTCATC  
TAA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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|-------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>ACCN:</b>                  | NM_001033039                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Insert Size:</b>           | 1053 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>OTI Disclaimer:</b>        | 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).                                                                                                                                                                          |
| <b>Components:</b>            | 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).                                                                                                                                                                                                                                                                                                                                    |
| <b>Reconstitution Method:</b> | <ol style="list-style-type: none"> <li>1. Centrifuge at 5,000xg for 5min.</li> <li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>3. Close the tube and incubate for 10 minutes at room temperature.</li> <li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>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.</li> </ol> |
| <b>Note:</b>                  | Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>RefSeq:</b>                | <u>NM_001033039.2, NP_001028211.1</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>RefSeq Size:</b>           | 1555 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>RefSeq ORF:</b>            | 1053 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Locus ID:</b>              | 68874                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>UniProt ID:</b>            | <u>Q3USL1</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Cytogenetics:</b>          | 1 79.36 cM                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |