

Product datasheet for **RN207375**

Fhdc1 (NM_001106437) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Fhdc1 (NM_001106437) Rat Untagged Clone
Tag: Tag Free
Symbol: Fhdc1
Synonyms: RGD1311955
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN207375 representing NM_001106437
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGCATGTCATGAACTGTGTCTCCCTGGCCGGCGACAAAGAAAATGGAACCTTTGCCACAGCAGCTGCAT
TCATGACTGGGCAGACGTCACCTCTGCTTCTCCTGCACCTCCTCCTCCACCGCCTCCACCTCCACCTTG
TCCACATTCGGGGGAGGGCTTTCCCCCTCGCCCTCCCTCCTGCCACCTCCACTGCCTGGGGACCT
CCTGTGCCCTCCTCCTCCAGGACTGCCCGGCTTCTTACCTGAATGGCTACAGCTCCCTGGGTAAAG
AGAAACGAATGCGAAGCTTCTTCTGAAAACCATTCCAGAGGAGCAAGTCCGAGGCAAGACCAACATCTG
GACCTTAGCAGCAAGCAGCAGCATCACTACCAGATCGACAAGAAGACCTCGAGGAGCTTTTTGGGCAG
CAAGAAGACACCTCCAAGGCTTCTCCTCCCAAGAGAGGAGGAGCTTTGAATTCGTCCTCAGAGATGCC
GGGAAGAGATTGCCGCTTGGATGCAAAGCGAAGTATGAACATTGGCATATTTCTTAAGCAGTTAAAAA
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GAAATCCTTAAGCTTTTCCAGAGTCGGAAGAGGTAAGAAATTAAGACATTTAACGGCGATGTGCCA
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CATGGTGCTAAAGAAGGAATTCTTGCCATTCTGTACATCCTGTACAAAGACATCACGACCTGAGAGCT
GCTATGAAAGAGCTGATGTTATGTGAGGAGCTACATTCAATATTACACTTGGTACTCCAGGCTGGGAACA
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GCGTCAGCAGATGGAAGACTTCTCCAGTTTGTGTTGAAAAGTTGGCCGAGCTGGAACCTGGAACCGG
GAGCTGCAGGTCGAGGCTCATACCTTATAGATTTTTCTGTGAAGACAAAGAAACCATGAAGCTGGATG
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GGAACAGGAACGGAAGCAGCTACAGAGGCTGAAGGAGCTGGAACAGAAGGGCATTCTTGGAACACTGGG
GAACTCGGGGCTTTGGCCGGAGCAGCAGTGAGAATGACGTTTCAGATGCTAGCTAAGAAGGGCACAGAGG



ACCTACCCTCCTTTCTGAAGCCAGGCCAACAGCCCCTCTACCGGCCCCCAACACCCGTCGCTCCC
 CCTCTCCCTGGGCATCTCTGCTGACCGCGAGCTTTTGACCTTCTTGGAGAGTGCCACCAGCAGTCCAGAG
 GACCCCAACAAATTAACAGTTTGCCCCGGAGCAGTCCCAGGCAAACCGGCCACCATTGCCTGGATGG
 AACCCAGAGAACAAGAGACCCACGGCCCTGTCTTACACATGACCCTCAGGCCTCAAAGAACCAGGAGCA
 AACCCCTCACCCTGCTTGGCAAATCATCTCCACCATCTGGCTGGGGGAGCCTGTTTCTCTTCTCCA
 CCGGCTGGACGGAGCAGGCCGAGCCTCCGAAAAGGAGCAGTGAACCTGTAGGCTTGGGTACCCACAAA
 GCCCTCCACTCTTACCGCTGGATCTGGCATTAGGGAGCATGAGTTGGTCACAGGGCTGACCCAGTTTGA
 CCTCCAGAGTCCCAAGAGCCTGGAGAAAACATCCCAACTGACTCTGAATGACTTCTGTCCCAAAAGCTG
 CCACCTCTAGGGGATAAGAGCTCACAGCCCTTTGATGCTGGCGGTGACAGCCGTGACCCCAAGGACACAG
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 TCTTGTGTCTGTGGTTGTACCGACACTGAAGATAAGGATCCTGGATCTCTATTATATGTCTCAGATACC
 ACAGACTGCTCACTGACTCTGGACTGCTCTGAGGGAACGGACTCCAGACCTGGAGGAGACAAGCACCAGG
 AAGAGAAGGAAGGCGATGGCTCAGTGTCTCTGGGGCTGGAGAGGCAGGAAGCAGCCAGGTTTCTCCAA
 CCCTGCTTCCAGTCCCCCTGGGGAGTTCTGTCTCCAAAATCCACTAAGAGTGAGCCAGCTGCCAAGGT
 GGCTTTCAGAAGGACAGACCCAGCAGAGGAAAGATGCCATGGCACCAAGAGAAAATTCCTCAAGAGG
 CATCAGTGGGGGCTTCAAAGCCTGTAGTGCCCGGCGCAGCCAAGGAGTAGCACCCAAGCCTGTGCGAAC
 CTTGAACCTCTGAGAATGAGCATATGCGCAAAGTGGTCCCCATCTCCAAGTCCAGCAGGGGAGCAGGG
 CCCTGGAAGCGGCCGGAACCTGACATCCAGGGCTACCCCTCGGGAGACACCCAGCAGCACAGACACACAGC
 TATCACGAAGGAGCTCAGTTCGAGGAACCTCTGACACTTCGCCAGAAAGGCCAGGTGAGTGGATCTGG
 GACAGAGGAGCCAGACTGCCCGCTCAAGTGGCAGCATTGGTGGACGGCCAGGGAAGGACCCCACTCTG
 CAGCCCAGAGCCTCGTTCAGGAAACCCAGCGCCAAGCCCTCAGAAAATTCCAGGCAGAAAACCTGAAG
 AAAACAAGGTGAGCAGCCCAACTCGCGAGACCCTGAGAGTCCCAAGGAAGAGCCCAAGGCTCCTCAGGC
 TCCTGGTGCCTCTCGAGCCCTTCCCCCACCCTAAGTTTTGCTCGAAATACAGTGGCTCATCATCTCGG
 AGCATGCGCGCGGATGCTCCACCTGCTGCCAGAGCCACTGGCATCACCAGGACAGTCTCTCAACGGCAGC
 TTAGGGTCAAAAGTGGTCCGAGGATTCTGCCTCCAAGGACAGTGGCACTTTGAAGAGGGCCAGCAGCGC
 TCGGGCTCCAAGAAGTGTCTGAATCTGCTGGGGTTCAAGTGCCAATGTAGAAAACCCACTGAAGGGC
 AGAGGGACTACGGAAGATCCTCTCTCAGACTGAAGGACTCGGGGAGGCCACCCTAGGGAGGATCTCC
 GTCCCCTGCAGAAATGA

ACGCGTACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001106437
- Insert Size:** 3447 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_001106437.1](#), [NP_001099907.1](#)

RefSeq Size: 4119 bp

RefSeq ORF: 3447 bp

Locus ID: 295161

Cytogenetics: 2q34