

## Product datasheet for SC101781

### HDHD5 (NM\_033070) Human Untagged Clone

#### Product data:

|                           |                                                                                                   |
|---------------------------|---------------------------------------------------------------------------------------------------|
| Product Type:             | Expression Plasmids                                                                               |
| Product Name:             | HDHD5 (NM_033070) Human Untagged Clone                                                            |
| Tag:                      | Tag Free                                                                                          |
| Symbol:                   | HDHD5                                                                                             |
| Synonyms:                 | CECR5                                                                                             |
| Mammalian Cell Selection: | None                                                                                              |
| Vector:                   | <u>pCMV6-XL4</u>                                                                                  |
| E. coli Selection:        | Ampicillin (100 ug/mL)                                                                            |
| Fully Sequenced ORF:      | >OriGene ORF within SC101781 sequence for NM_033070 edited (data generated by NextGen Sequencing) |

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ATGGCTGCGTGGGGCTGTGTGGCTGCGCTCGGCGCGGCGCGTGGGCTTTGCTGGCGGGCG
GCGCGCGGGCTGCGGGGCTCCAGGGCCGCCCGCCGAGGTGCTATGCTGTGGGCCCG
GCTCAGAGCCACCCACCTTTGGGTTCTGTTGGACATCGATGGAGTGCTTGTGCGGGGC
CACAGAGTGATCCCTGCTGCTCTGAAAGCCTTCCGAAGGCTGGTGAAGTCCAGGGGCAG
CTGCGGGTGCCCGTGTTTGTGTTACAAATGCTGGTAACATCTTACAACACAGCAAGCC
CAGGAGCTGTGAGCCCTGCTGGGGTGCGAGGTGGATGCAGACCAAGTTATCCTCTCTCAC
AGCCCCATGAAGCTCTTCTCCGAGTACCATGAGAAGCGGATGCTGGTGTCTGGACAGGGG
CCCGTGATGGAAGTATGCCAGGGACTGGGCTTCCGAAATGTCGTCACCGTGGATGAGCTG
CGGATGGCCTTTCTCTGCTTGACATGGTGGACCTGGAGCGGCGGCTAAAGACCACGCCC
CTCCCGAGGAATGACTTCCCCCGCATTGAAGGGGTGCTCCTCCTAGGGGAGCCGGTCCGC
TGGGAGACCAGCCTGCAGCTGATCATGGATGTCCTCCTCAGCAATGGGAGCCCTGGGGCT
GGCCTGGCAACACCCCCCTACCCCCACCTCCCCGTCCTAGCCAGCAACATGGATCTCCTG
TGGATGGCTGAAGCCAAGATGCCAGGTTTGGACATGGCACCTTTCTGCTGTGCCTGGAA
ACCATTTACCAGAAAGTGACGGGCAAGGAGCTGAGATACGAGGGCCTGATGGGCAAAACC
AGCATCCTCACTTACCAGTATGCCGAGGACCTGATCAGGCGACAGGCGGAGAGGCGGGGC
TGGGCCGCCCCATCCGGAAGCTCTATGCTGTGGGTGATAACCTATGTCTGACGTATAC
GGCGCCAACCTGTTCCACAGTACCTGCAGAAGGCAACGCATGATGGGGCGCCAGAATA
GGGGCCGGGGGCACACGGCAGCAACAGCCCTCAGCAAGCCAGAGCTGCATCTCCATCCTG
GTGTGTACAGGCGTCTACAATCCAGGAACCCACAGTCCACGGAGCCTGTCCTTGGAGGA
GGGGAGCCTCCATTCCACGGGCACCGAGACTTATGCTTCAGTCCAGGGCTCATGGAGGCC
TCCCACGTGGTGAATGACGTGAATGAGGCTGTGCAGCTGGTCTTCCGCAAGGAGGGCTGG
GCTTTGGAGTGA
  
```

Clone variation with respect to NM\_033070.2  
 120 c=>g;276 g=>t


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**5' Read Nucleotide Sequence:**

>OriGene 5' read for NM\_033070 unedited  
 CAAATTTTGTATACGACTCCTATAGGCGGCCGCGGATGGCTGCGTGGGGCTGTGTGGC  
 CTGCGCTCGGCGCGGCGCGTGGGCTTTGCTGGCGGGCGGCGCGCGGCTGCGGGGCTCC  
 AGGGCCGCCCCGCGCGCAGGTGCTATGCTGTGGGCGGCTCAGAGCCACCCACCTTTG  
 GGTTCTGTGGACATCGATGGAGTGCTTGTGCGGGGCCACAGAGTGATCCCTGCTGCTC  
 TGAAAGCCTTCCGAAGGCTGGTGAATCCCAGGGGAGCTGCGGGTGCCCGTGGTTTTTG  
 TTACAAATGCTGGTAACATCTTACAACACAGCAAAGCCAGGAGCTGTCAGCCCTGCTGG  
 GGTGCGAGGTGGATGCAGACCAAGTTATCCTCTCTCACAGCCCATGAAGCTCTTCTCCG  
 AGTACCATGAGAAGCGGATGCTGGTGTCTGGACAGGGGCCGTGATGGAAAATGCCCAGG  
 GACTGGGCTTCCGAAATGTCGTCACCGTGGATGAGCTGCGGATGGCCTTCTCTGCTTG  
 ACATGGGGACCTGGAGCGGCGGCTAAAGACCACGCCCTCCCGAGGAATGACTTCCCCC  
 GATTGAAAAGGGTGCTCCTCCTAAGGNAGCCGGTCCGCTGGGAGACCAGCCTGCAGCTAT  
 ATATGGGATGGCCTCCTCAGCAATGGGAGCCTGGGGGGCTGGGGTGGCAACACCCCTCT  
 ACCCCACCTNCCGTCCTAGCCAGCACATGGATCTCTGGTGGGAAGGGTGAAGCCAGA  
 TGCCCCAGGTTTGGGACATGGCACCTTTCTGCTGTGCTGGGAACATTAAACAAAAGTGC  
 GGCAAGGACTGGAAAACAGGCCCTGATGGGCAACCAGCATCTACTTACAGATTCCAGA  
 CCTGAAAGCAAGGNNAGAANNNGNNNNNNNTNCCCCCATCGGAGTTATTTGGGGGG  
 GGTACCCTAAGT

**3' Read Nucleotide Sequence:**

>OriGene 3' read for NM\_033070 unedited  
 ATACGAAGTTTATTTCTCTTTTNNTTTTTTTNNTTTTTTTCAAGAAGTCAGCCATCATGA  
 AACATTTATTATGATTATTTTATTTAAAAAAGCCCCACATCTCCGGCAATAAACTA  
 CAATACAGTAAAAAGTAGCATCTGGTGTTAAACACTCTGCCGACAGGCTGCATGCCTTC  
 AGTGCCGCAAAAGGCTCTGCACAGACATCCACAGTATTCCACACTGCCTCCCCCATTTCA  
 AAAGTCCCTACTGAAATGAGAAGGACACTGAGGCACACAGGGGAAGAGAATGGCCTGAGG  
 TTAGACTGCCACGAAAGGCACGTGGGAAGTGGGCCAGAAAATCCAACCGTTCCATACA  
 AAATGCTACCCAGCAGGGAAAAAGAGTCACTGTCTTCTTCAAGTGACAGTAATGCCAC  
 ACTCATGGGGCAGCAAGAAGGGTGGCAAGGGAACCAAGCCCTGACCTGAGCCAGTGATC  
 AGGCCAGAGCCAGCCATGGGACTCGCCACAGGTCCAGGCTCACCCCTCACCTCCAC  
 CGAACTGCCCTCACTCCAAAGCCAGCCCTCCTTGCGGAAGACCAGCTGCACAGCCTCAT  
 TCACGTCAATCACACGTGGGAGGCCTCCATGAGCCCTGGACTGAAGCATAAGTCTCGGT  
 GCCCGTGAATGGAAGCTCCCTCCCTCCAAGACAAGCTCCCTGGACTGTGGGTTTCCTG  
 GGATGGTAAACCCCTGTTACACCAGGGAGGGAGATGCACCTCTTGGCTTGTGAAGGCT  
 GTTGCTGCCCTGTGCCCCCGGCCCTATTCTGGCCC

**Restriction Sites:**

NotI-NotI

**ACCN:**

NM\_033070

**Insert Size:**

2000 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\_033070.2, NP\_149061.1

**RefSeq Size:** 1809 bp

**RefSeq ORF:** 1272 bp

**Locus ID:** 27440

**UniProt ID:** Q9BXW7

**Cytogenetics:** 22q11.1