

## Product datasheet for **SC321696**

### AMDHD1 (NM\_152435) Human Untagged Clone

#### Product data:

|                           |   |
|---------------------------|---|
| Product Type:             | Expression Plasmids                     |
| Product Name:             | AMDHD1 (NM_152435) Human Untagged Clone |
| Tag:                      | Tag Free                                |
| Symbol:                   | AMDHD1                                  |
| Synonyms:                 | HMFT1272                                |
| Mammalian Cell Selection: | Neomycin                                |
| Vector:                   | pCMV6-AC (PS100020)                     |
| E. coli Selection:        | Ampicillin (100 ug/mL)                  |



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**Fully Sequenced ORF:** >OriGene sequence for NM\_152435.1  
 CCGAGCCCGGTGGCTCCCGCGGACCCTCAGCGGAGGCGACATGGCAGGCGGCCACAGC  
 CTCCTGCTGGAGAACGCGCAGCAAGTGGTGTGGTGTGCGCCCGCGGAGCGCTTCCTG  
 GCGCGGATGCGCTGCGCAGCCTGGCGGTGCTGGAAGGCGCCAGTCTGGTGGTGGGCAA  
 GATGGATTTATAAAAGCTATTGGTCTGCTGATGTTATTCAAAGACAGTTTTCTGGAGAA  
 ACTTTTGAAGAAATAATTGACTGCTCTGGGAAATGTATCCTACCAGTTTTGGTGGATGCA  
 CACACATCCAGTATGGGCTGGTCAAAGAGTTCACGAATTTGCAATGAAGTTGGCAGGA  
 GCCACCTACATGGAAATTCACCAGGCCGAGGAGGGATCCAATTTACCGTGGAGCGCACG  
 CGCAAGCCACAGAGGAGGAGCTGTTCCGCTCCTTGACAGCAACGGCTCCAGTGCATGATG  
 AGGGCTGGCACCACGCTGGTGGAGTGCAAGAGTGGATATGGCCTCGACCTGGAGACCGAG  
 CTCAGATGCTGCGCGTATTGAGCGCGCCCGCGGGAGCTGGACATCGGCATCTCGGCT  
 ACCTACTGCGGGGCTCATTCACTGCCTAAAGGAAAACTGCTACTGAAGCTGCTGATGAC  
 ATCATCAATAACCACCTCCCAAAGCTGAAGGAATTGGCAGAAATGGGAAATACACGTG  
 GACAATATAGACGATTTTGTGAGAAAGGTGTCTTTGATCTCGATTCCACCAGAAGGATT  
 CTTCAACGTGGAAAAGATATAGGGTTACAGATTAACCTCCATGGGGATGAACTCCACCCG  
 ATGAAGGCTGCTGAGCTTGGGGTGAAGTGGGAGCGCAGGCAATCAGCCACCTGGAAGAA  
 GTGAGTGAAGGCATCGTTGCCATGGCAACGGCCAGGTGCTCTGCCATCCTTCTGCC  
 ACCACAGCCTACATGCTGAGACTGAAACAACCTCGAGCCAGGAAGATGTTAGATGAAGGA  
 GTAATAGTTGCTCTGGGAAGTATTCAACCCCAATGCATATTGCTTTTCAATGCCAATG  
 GTCATGCATCTGGCCTGTGTAACATGAGAATGTCATGCCTGAGGCCTTGGCCGCTGCC  
 ACCATCAATGCAGCTTATGCACTGGGAAAGTCTCACACACACGGATCGTTGGAAGTTGGC  
 AAACAGGGAGATCTCATTATCATCAATTCATCCCGATGGGAGCATTGATTTACCAGTTC  
 GGAGGCCATCATGAATTAATTGAATATGTTATAGCTAAAGGAAAACTCATCTATAAAACA  
 TGATAGATTTGAAAAGAGAAGACTTTTTGACTATATGAAATAAGTCAATATAGTTATATT  
 AAAAGTTAAAACACCTTAATATTTACAAGAATTATCACTTAAACCTAAATGACTTCA  
 ATGCTTTTTAAGTCACTCAAAAACCAAGGGATAGATTTATTTTCAATTAACACATGCA  
 TTTGACATATAAACAGGTAACCTATTGTGATTAATACAAAAACATCCAATTAGTTCA  
 CAAATATTGGTTACAAATATTCTGTAGATTAATATGGTGGGGTATCACAAAAATGCCTTT  
 GTGGGAAAAGTAGGCTTGGCTAAAATTTCCATTTTGTGTCTGATTTTACATCTCAGT  
 TTTTAACTATATTTAGTGAACATTGAGGGATCGAAAGAAATCTAAGTGATACGCCCCAA  
 TGAAGCTAAAATATAGCCTTCTGTTAAGCAAATAGTATTTCTTTCCCAAGTAGTTCAT  
 TTTCTAGATGCTTGTCAAATGAATTAATGCCTCTGATGAAGAGTGCCTTCCGTTTCTA  
 AGGCTTCTCAATCTCAGCAATAGAGCTTCCCAGCAGCGTTCAAGACACATCATTATAC  
 ACAGGCACAGGGGCTTCTGAAATGGGTGCATTTTTACCAACTACAATCATGTAATTTT  
 TTTGAAAATTTTTAAAATTTTTGATTCTTTACATTACAATGGGTGAAACACATTTTAC  
 AGCTCTCAATAAATGTTTGTGCTGCTCTAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

**Restriction Sites:** Please inquire

**ACCN:** NM\_152435

**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).

**OTI Annotation:** This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

**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\\_152435.1](#), [NP\\_689648.1](#)

**RefSeq Size:** 2135 bp

**RefSeq ORF:** 1281 bp

**Locus ID:** 144193

**UniProt ID:** [Q96NU7](#)

**Cytogenetics:** 12q23.1

**Protein Pathways:** Histidine metabolism, Metabolic pathways