

## Product datasheet for **SC325669**

### HDHD1A (PUDP) (NM\_001135565) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	HDHD1A (PUDP) (NM_001135565) Human Untagged Clone
Tag:	Tag Free
Symbol:	HDHD1A
Synonyms:	DXF68S1E; FAM16AX; GS1; HDHD1; HDHD1A
Mammalian Cell Selection:	None
Vector:	<u><a href="#">pCMV6-XL5</a></u>
E. coli Selection:	Ampicillin (100 ug/mL)



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**Fully Sequenced ORF:** >OriGene sequence for NM\_001135565 edited  
 GAAGGCGCCACCATGGCGGCGCCCCGCGAGCCCGTCACCCACCTCATCTTTGACATGGAC  
 GGACTTCTTCTGGGTTATACAGGAAGCATAGTGGCAGCTGCTTCGGGGGAGTCTCAAGA  
 GGCTTACAATCACGGTGGACGGATACTGAACGGCTGTATTCAAGTGGTGTTCAGAAATA  
 TGTAATCGCTATGACAAGAAATACAGCTGGGATGTAAAGTCCCTGGTTATGGGTAAGAAG  
 GCATTAGAGGCGGCACAGATTATAATAGACGCTTGCAGCTCCCGATGTCCAAAGAGGAG  
 CTGGTGGAAAGAAACCAACGAAGTTAAAGGAAGTGTCCCGACGGCTGCGCTCATGCCA  
 GGGGCGGAGAAACTCATCATCCACCTGCGGAAACATGGCATCCCTTTGCACTGGCCACC  
 AGCTCGAGGTCCGCGTCTTCGATATGAAGACAAGCCGCCACAAGGAGTCTTCAGCTTG  
 TTTTCCACATTGTGCTGGGAGATGACCCGAAGTGCAGCATGGCAAGCCAGACCCAGAC  
 ATCTTCTAGCTTGTGCCAAGAGGTTCTCTCCCTCCTGCTATGGAGAAGTGCCTTGTC  
 TTTGAAGATGCTCCCAATGGGGTGGAGGCGCCCTGGCAGCTGGGATGCAGGTGGTCATG  
 GTTCTGACGGAACTTGAGCCGAGATCTGACAACAAAGGCCACCCTGGTGTGAATTCC  
 CTGCAGGACTTCCAGCCGAGCTGTTTGGTTTGCCTCCTATGAGTGAGAGGGAGGGCT  
 CAGTCTTCGCCCCAGCCACTCTCATGGTCCACTGCTGGGGAAAGGGAAAGGAAA  
 TCAGCAACTCTTCAATCCCAACCTGCGCTGTGATTTTAGCTCCTGAGATTGGAGTTCC  
 ATCCCATGTTGGTTTGTCCAGTCTAACGTGTTGATAAAATGTGACTTGACGGTTGAGAC  
 AAAAAATACAGTAGAGACAGAAACGAAGCCAGAACAAAGATGAACTTGAATTACCATC  
 TCAGAAGTCAAGCTGATGGAGTATGTGATAAAGTGAATGTACATGTATATACACACAC  
 CTCCATATATACAGTGTGTATCAGTTTGGTAATATGCAGGTAGGCATTACATGCATATG  
 TATGTAGACATATGCATGCATGTATGTAAAAATATACTTTTCCAAGCAAAAATGGAA  
 CATCACTTCTCTTCTAGTTTTCTGAACACTGGCTGGGAAATGTAACCTGTGTATGCA  
 TATAAGTATATGCTTTATGTATGCATATGTATGTAGATGTTTTATATCTATCGTCTGCA  
 TCACTCTCCTCAGTGTGATGTCAACATGCAATGACAACCTGATAAAGCGAGATGGTAGTT  
 CTGCCTGGTTTGCAGTCTGAGTGGGAAAGTCTGTTTTTATGAGACTCCTTGTAGCT  
 AACATTTAAATCTTTTTGTGACCTCAGAATGTCTCTGGATCTTTCCTCATTGACTGACT  
 CTGTGCCACGTCATCCATAGTTTATTGTTAGTATGAACACAACCTGAACATTTACCTGGT  
 ATCTACATCCTTACCTGCATTGGAAAATGTTTGTACCTCACAACAACCATTTGCCTCCT  
 TTAAGAACACTGATGGGCTGCACTTTTTGGATAGAAATAGAATTTGATTTCAGAATGTAT  
 GCTTGGTGTAGTCTCAGTCCCAGGAACACTTTTTGGAATAATTTATCAGACATTGAACTTC  
 TGTGATTAATCGCTTTTATAGATTTACTCAGTCTTTAAAATTCGTCTCTGATTTGCCAGA  
 GAAAAACGGTGGTAGCCATGGAAATCGGGAGTGAAGGAGCACTGCTTCATTGTGGCTCAG  
 CCCTTCTAGGGGCTCTGCCCTTTGATGTCTTGGAGCTACTCTTCAGCTCTGGAAGTTG  
 TGGACAACTGTAGGAATGTATGTGTGCGTGTGGTGGAGTGATTGTCTGTGAATGACAGG  
 CCCTGGCTATTGATTGATGTTGCATCAATTTAGCAAATTCATTTCTCATTCTTGATGGC  
 CTGAATATATGTCTGCACTTTTAATGCTCCTCTTAACCAGTTGTAACATCTTACCATTTCC  
 CCTAACAAATTGAATTAGTTTAAATAAAATCTTTTGCACATGTTAAAAAAAAAAAAAAAA

- Restriction Sites:** Please inquire
- ACCN:** NM\_001135565
- 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).
- 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.

<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>RefSeq:</b>	<u>NM_001135565.1, NP_001129037.1</u>
<b>RefSeq Size:</b>	2224 bp
<b>RefSeq ORF:</b>	756 bp
<b>Locus ID:</b>	8226
<b>UniProt ID:</b>	<u>Q08623</u>
<b>Cytogenetics:</b>	Xp22.31
<b>Gene Summary:</b>	<p>This gene encodes a member of the haloacid dehalogenase-like (HAD) hydrolase superfamily. The encoded protein has no known biological function. This gene has a pseudogene on chromosome 1. Multiple alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq, Jul 2010]</p> <p>Transcript Variant: This variant (1) represents the longest transcript and encodes the longest isoform (a). Sequence Note: This RefSeq record was created from transcript and genomic sequence data because no single transcript was available for the full length of the gene. The extent of this transcript is supported by transcript alignments.</p>