

## Product datasheet for SC319859

### HSDL2 (NM\_032303) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	HSDL2 (NM_032303) Human Untagged Clone
Tag:	Tag Free
Symbol:	HSDL2
Synonyms:	C9orf99; SDR13C1
Mammalian Cell Selection:	None
Vector:	<u><a href="#">pCMV6-XL5</a></u>
E. coli Selection:	Ampicillin (100 ug/mL)

**Fully Sequenced ORF:** >OriGene sequence for NM\_032303.2  
 GTCGCCGCCACCTCCTCTGATCTACGAAAGTCATGTTACCCAACACCCGGGAGGCTGGCAG  
 GATGTACAGTTTTTATCACAGGTGCAAGCCGTGGCATTGGCAAAGCTATTGCATTGAAAG  
 CAGCAAAGGATGGAGCAAATATTGTTATTGCTGCAAAGACCGCCAGCCACATCCAAAAC  
 TTCTAGGCACAATCTATACTGCTGCTGAAGAAATTGAAGCAGTTGGAGGAAAGGCCTTGC  
 CATGTATTGTTGATGTGAGAGATGAACAGCAGATCAGTGTGCAGTGGAGAAAGCCATCA  
 AGAAATTTGGAGGAATTGATATTCTGGTAAATAATGCCAGTGCCATTAGTTTGACCAATA  
 CATTGGACACACCTACCAAGAGATTGGATCTGATGATGAACGTGAACACCAGAGGCACCT  
 ACCTTGTCATCTAAAGCATGTATTCCTTATTTGAAAAGAGCAAAGTTGCTCATATCCTCA  
 ATATCAGTCCACCCTGAACCTAAATCCAGTTTGGTTCAAACAGCACTGTGCTTATACCA  
 TTGCTAAGTATGGTATGTCTATGTATGTGCTTGGAAATGGCAGAAGAATTTAAAGGTGAAA  
 TTGCAGTCAATGCATTATGGCCTAAAACAGCCATACACACTGCTGCTATGGATATGCTGG  
 GAGGACCTGGTATCGAAAAGCCAGTGTAGAAAAGTTGATATCATTGCAGATGCAGCATATT  
 CCATTTTCCAAAAGCCAAAAGTTTTACTGGCAACTTTGTCTATTGATGAAAATATCTTAA  
 AAGAAGAAGGAATAGAAAATTTTGACGTTTATGCAATTAACCAGGTCATCCTTTGCAAC  
 CAGATTTCTTCTAGATGAATACCCAGAAGCAGTTAGCAAGAAAGTGAATCAACTGGTG  
 CTGTTCCAGAATTCAAAGAAGAGAAACTGCAGCTGCAACCAAAACCACGTTCTGGAGCTG  
 TGAAGAACAATTTAGAATTGTTAAGGACTCTCTCAGTGTATGATGTTGTTAAAGCCACTC  
 AAGCAATCTATCTGTTTGAACCTCCCGGTGAAGATGGTGGCAGTGGTTTCTTGATCTGA  
 AAAGCAAGGGTGGGAATGTCGGATATGGAGAGCCTTCTGATCAGGCAGATGTGGTATGA  
 GTATGACTACTGATGACTTTGTAATAATGTTTTAGGGAATAAAACCAACAATGGCAT  
 TCATGTCAGGGAATTTGAAGATTAAGGTAACATGGCCCTAGCAATCAAATTTGGAGAAGC  
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 GCTCAAAAAGTAAAAAGCTCAACAGTTAAAATCTAATGTTTGTCTTTCTTTCTGTTAT  
 ATTATAAGGATATGCACGTTTGTCTGGAAAAGATAGAATTTGTCTCTAAAAGACTTGAA  
 ATTGTAATTAATAAGCAAGCTAATCAAACATAAGCTTCATTAAGTGGGATTCTAAGACA  
 GTCTGTGTTTTATATTTCAAGGGTTAAACCCTTTGAGCCTTACATCTCATTCACTGTCT



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TTCTCCAAGAAAAGTATTTTGGGCGGACAGTCAGATCAAGCAGTAAAATTAGCTCTTTCA
AATCTTCTTGTCATGTAAAATGAAGCTAGTCTGTTTTAAAATTTTAGTTTTGGATTGTA
TACTAATGAAAATCTTAATGATGTTTTTGTATTTTATATACTTATTTTAAAGAAAATCTT
ATATAGTACATTTTACAAAAATTATAAAAAATGAATTAGTACTGGCGAGGACTAAATGAA
ACAATAATTTTTCATTTTGATACTAGCTTTCCAGGTGGACTTAGCCATAGGAAAATATT
ACTAATGTAATTTAACAAATTGCTGCATGTATTCCATTTAAAAATATGTTTAAATTGTCC
TAAAACAAAATAATTTTCCCTAGGAGTATGCATTTGGCTACAGTGTTTTGAACAGAA
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TCCTAACCTCCATTTCTTTTGAATGTGACTGTTTCGGAGATGAGGCCTTTAAAGAGGTGAC
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CAAGCAAAGAGAGAGGCTTCAGAAGAAACAAAATCACCAGCACCTTGATCTTTGACTTCT
AATCTCCAGAATAGTGAGAAATAAATTTCTGTTGTTAAGCCGTCCACTGTGGGAGGCCGA
CGCAGGAGGATTGCTTGAGGCCAGGAGTTCAAGGCCAGCCTGGACAACATAGTAAGACCC
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ATTTTGCTTCTCAGCTTCCACTCTAATATTGTTGTGCCATTAAGCAATTTAGCTAATCCT
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AGAGGATCAGAGATGGGAAAGGACTAGCCCAAGGCCAACATTAACAAGCCCTCTAACAAA
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GGAGTCCATGTAATCAAAGTGAACCTTAAAAATAGGACACTTTCAACAAGTCAGGAGATTC
ACAGCAACTGATCAAAGGGAGTCCAGTCAACGTGAGCAAGCGTGATTATGATGAGGAAGC
CCCTCTGCTTTAATCCACACAAGGAACGTAACCTGAAGTAACCTGATGTTAACCAATCT
GCTGTGCTACTATGCTGTTTCTTCTGCTAGTGCTGCTTTACAAATGCAGACCAT
TCTATCATACCTGGCAGGGCTTCTGTTTTATTTGTAGGCTGGATGCTACCCAGTTCATG
AATCGCTAATAAAAGCCAATTAGATCAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
    
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**Restriction Sites:**

Please inquire

**ACCN:**

NM\_032303

**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.

<b>RefSeq:</b>	<u>NM_032303.2, NP_115679.2</u>
<b>RefSeq Size:</b>	3211 bp
<b>RefSeq ORF:</b>	1257 bp
<b>Locus ID:</b>	84263
<b>UniProt ID:</b>	<u>Q6YN16</u>
<b>Cytogenetics:</b>	9q32
<b>Domains:</b>	SCP2
<b>Protein Families:</b>	Druggable Genome
<b>Gene Summary:</b>	Has apparently no steroid dehydrogenase activity.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) represents the longest transcript and encodes the longer isoform (1).