

Product datasheet for **SC332903**

DYDC1 (NM_001269053) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: DYDC1 (NM_001269053) Human Untagged Clone
Tag: Tag Free
Symbol: DYDC1
Synonyms: DPY30D1
Vector: pCMV6-Entry (PS100001)
Fully Sequenced ORF: >SC332903 representing NM_001269053.
Blue=Insert sequence Red=Cloning site Green=Tag(s)

```
ATGGAGTCAATATATCTTCAAAGCACCTGGGGCTGTTAACTCAAGTCTTGCAGAAGTGGCAAGA  
GTTCCGCCAGTGGATCCGATAGAATATTTAGCATTGTGGATTTACAAGTAAAGGAAAATGTGACCATG  
GAACAAGTGAACAAAAGGAAATGGCCAAGCTGGAGCGTAAAGAGAATTAGCTCTGATGGAGCAGGAA  
ATGATGGAGAGGCTCAAAGCAGAGGAGCTTTACTTCAGCAGCAACAGCTGGCATTGCAGCTAGAGTTG  
GAAATGCAAGAAAAGGAGAGGCAGAGAATACAAGAACTACAGAGAGCTCAAGAACAATTAGGCAAGGAG  
ATGAGAATGAATATGAAAATCTAGTTAGGAATGAAGATATTCTACATTCAGAGGAAGCAACACTAGAC  
TCAGGCAAAACACTAGCTGAAATCAGCGATCGTTATGGAGCACCTAAGTTCAGCAGAGTGAAGAAGCTT  
GATGAACCAATGTTTTCTGATATTGCATTAACATTGATCAAGATTTGTAG
```

Restriction Sites: SgfI-MluI
ACCN: NM_001269053
Insert Size: 534 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).



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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_001269053.1](#)

RefSeq Size: 664 bp

RefSeq ORF: 534 bp

Locus ID: 143241

UniProt ID: [Q8WWB3](#)

Cytogenetics: 10q23.1

MW: 20.9 kDa

Gene Summary: This gene encodes a member of a family of proteins that contains a DPY30 domain. The encoded protein is involved in acrosome formation during spermatid development. This gene locus overlaps with a closely related gene on the opposite strand. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jun 2012]
Transcript Variant: This variant (2) differs in the 5' UTR compared to variant 3. Variants 1-4 all encode the longer isoform (a).