

## Product datasheet for **SC332906**

### DYDC2 (NM\_001270041) Human Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** DYDC2 (NM\_001270041) Human Untagged Clone  
**Tag:** Tag Free  
**Symbol:** DYDC2  
**Vector:** pCMV6-Entry (PS100001)  
**Fully Sequenced ORF:** >SC332906 representing NM\_001270041.  
Blue=Insert sequence Red=Cloning site Green=Tag(s)

ATGGAACTAACTACCTGAAGAGGTGCTTTGGAAATTGCCTGGCCAGGCACTGGCAGAGGTGGCGAAG  
GTTTCGGCCAGTGACCCAATAGAATACCTGGCTCACTGGCTTTATCATTACAGGAAAACAGCAAAAGCA  
AAAGAAGAGAATAGGGAAAAGAAGATCCACCTGCAGGAGGAATATGACAGTAGCCTCAAGGAAATGGAA  
ATGACAGAAATGCTGAAACAGGAAGAGTATCAGATTCAACAGAACTGTGAAAAGTGTACAAGGAACTG  
ACTTCTGAAACTGTTTCCACGAAGAAGACCATATTCATGCAGGAGGACACAAACCCCTTGAGAAGGAG  
GCCTTGAAGCAGGAATTCTGCCAGGTACTTCCAGTCTGATTCCAGGAATGCCTCAACAGGTTCTCTCT  
TCAGAGTCTGCTGGCCAGATTGACCAGAACTTCAAAATGCCACAAGAAATAAATTACAAGGAGGCTTTT  
CAGCATGAAGTTGCTCATGAAATGCCTCCTGGCTCCAAATCTCCTTTTAG

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_001270041  
**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).  
**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.



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RefSeq: NM\_001270041.1

RefSeq Size: 1739 bp

RefSeq ORF: 534 bp

Locus ID: 84332

UniProt ID: Q96IM9

Cytogenetics: 10q23.1

MW: 20.6 kDa

**Gene Summary:** This gene encodes a member of a family of proteins that contains a DPY30 domain. 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) lacks an exon in the 5' UTR, compared to variant 1. Variants 1 and 2 encode the same protein (isoform 1).