

Product datasheet for **SC305437**

DYDC2 (NM_032372) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	DYDC2 (NM_032372) Human Untagged Clone
Tag:	Tag Free
Symbol:	DYDC2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC305437 representing NM_032372. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGAATTCGTCGACTG
 GATCCGGTACCGAGGAGATCTGCCGCC**CGCATCGCC**
 ATGGAACTAACTACCTGAAGAGGTGCTTTGAAATTGCCTGGCCAGGCACTGGCAGAGGTGGCGAAG
 GTTCGGCCAGTGACCCAATAGAATACCTGGCTCACTGGCTTTATCATTACAGGAAAACAGCAAAAGCA
 AAAGAAGAGAATAGGGAAAAGAAGATCCACCTGCAGGAGGAATATGACAGTAGCCTCAAGGAAATGGAA
 ATGACAGAAATGCTGAACAGGAAGAGTATCAGATTCAACAGAACTGTGAAAAGTGTCAAGGAAGTGT
 ACTTCTGAACTGTTTCCACGAAGAAGACCATATTCATGCAGGAGGACACAAACCCCTTGAGAAGGAG
 GCCTTGAAGCAGGAATTCCTGCCAGGTACTTCCAGTCTGATTCCAGGAATGCCTCAACAGGTTCTCTCT
 TCAGAGTCTGCTGGCCAGATTGACCAGAACTTCAAAATGCCACAAGAAATAAATTACAAGGAGGCTTTT
 CAGCATGAAGTTGCTCATGAAATGCCTCCTGGCTCCAAATCTCCTTTT**TAG**
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGAT
 TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC

Restriction Sites:	SgfI-MluI
ACCN:	NM_032372
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).


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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:	<u>NM_032372.5</u>
RefSeq Size:	1892 bp
RefSeq ORF:	534 bp
Locus ID:	84332
UniProt ID:	<u>Q96IM9</u>
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 (1) encodes isoform 1. Variants 1 and 2 encode the same protein (isoform 1).