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Product datasheet for SC122403

DYDC2 (BC007374) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	DYDC2 (BC007374) Human Untagged Clone
Tag:	Tag Free
Symbol:	DYDC2
Synonyms:	bA36D19.6; DPY30 domain containing 2; MGC16186; OTTHUMP00000019966; OTTHUMP00000019967; OTTHUMP00000019968
Mammalian Cell Selection:	None
Vector:	pCMV6-XL5
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene sequence for BC007374 edited AAGAAGTGCCTTTCGCCTCCCACCATGATTCTGAGACCTCCCCAGCAATGTGGAACTAAA CAGCTGCCTCCAGCGTGAAGAAGGTGCCACAGAGATGGAAGGAGATTCCTTACCCACACC TGGGAGACAGCTAGCCAGCCAGCCAGCCAACTGGGCGGGGGCACCCGGGCAGGGGTGCCA GATACAGTATTGTATCTGGCAACCTCCCGGGGCGCTCAGTGTGGTTTTCCCACCCGGGAG TCTGGAAGGGTCTCCCGCAGCCCGCAGGAGACGCAGCGCTCCCCGCTCAGGGGGAGCAGG AGGACAGCTGGCCGCTTTCGGGAGCCCCAGGCGCGAAGCGGCCTCTCTCCGCCTCAGGCT GCCAGGATGGAAACTAACTACCTGAAGAGGTGCTTTGGAAATTGCCTGGCCCAGGCACTG GCAGAGGTGGCGAAGGTTCGGCCCAGTGACCCAATAGAATACCTGGCTCACTGGCTTTAT CATTACAGGAAAACAGCAAAAGCAAAAGAAGAGAATAGGGAAAAGAAGATCCACCTGCAG GAGGAATATGACAGTAGCCTCAAGGAAATGGAAATGACAGAAATGCTGAAACAGGAAGAG TATCAGATTCAACAGAACTGTGAAAAGTGTCACAAGGAACTGACTTCTGAAACTGTTTCC ACGAAGAAGACCATATTCATGCAGGAGGACACAAACCCCCTTGAGAAGGAGGCCTTGAAG CAGGAATTCCTGCCAGGTACTTCCAGTCTGATTCCAGGAATGCCTCAACAGGTTCCTCCT TCAGAGTCTGCTGGCCAGATTGACCAGAACTTCAAAATGCCACAAGAAATAAATTACAAG GAGGCTTTTCAGCATGAAGTTGCTCATGAAATGCCTCCTGGCTCCAAATCTCCTTTTTAG GTTACAGAAGGTAGATGCTTCTGATTTACTTCTCTCAAAGCTAGAAGCCAAGAAAATGGC CAGCTAGAACCAAGATTTAAGGGGCTGTAAAAGGCAAGTTCAGGGACTCTCCAGCCTACT CCTTTTCTGAAAAACCCTTAATCATGTGAACATTTGAACTAGTTATAGGATAAAATAAAC TCAGAATAAGGATTTAAAATAAGTAACCAAGTGGCTGTGACTTTTTCCTCTTGTTTTATC AACGTTTTGGAGACTACACAATGAAAACACATCTGTTGGGGTGATCAGACCCAACACCCG GCCATGGGGGCTACAAAGTCCAGCCGAGTCAAAAAAAAAAAAAAAAAA

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5' Read Nucleotide Sequence:

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>OriGene 5' read for BC007374 unedited
GAGTTTGGATTTTGTAATACACATGTATTATAGGGGCGGCGCGCGAATTCGCACGAGAAG
AATGCCTTTCGCCTCCCACCATGATTCTGAGACCTCCCCAGCAATGTGGAACTAAACAGC
TGCCTCCAGCGTGAAGAAGGTGCCACAGAGATGGAAGGAGATTCCTTACCCACACCTGGG
AGACAGCTAGCCAGCCAGCCAGCCAACTGGGCGGGGGCACCCGGGCAGGGGTGCCAGATA
CAGTATTGTGTCTGGCAACCTCCCGGGGCGCTCAGTGTGGTTTTCCCACCCGGGAGTCTG
GAAGGGTCTCCCGCAGCCCGCAGGAGACGCAGCGCTCCCCGCTCAGGGGGAGCAGGAGGA
CAGCTGGCCGCTTTCGGGAGCCCCAGGCGCGAAGCGGCCTCTCTCCGCCTCAGGCTGCCA
GGATGGAAACTAACTACCTGAAGAGGTGCTTTGGAAATTGCCTGGCCCAGGCACTGGCAG
AGGTGGCGAAGGTTCGGCCCAGTGACCCAATAGAATACCTGGCTCACTGGCTTTATCATT
ACAGGAAAACAGCAAAAGCAAAAGAAGAGAATAGGGAAAAGAAGATCCACCTGCAGGAGG
AATATGACAGTAGCCTCAAGGAAATGGAAATGACAGANATGCTGAAACAGGAAGAGTATC
AGATTCAACAGAACTGTGAAAAGTGTCACAAGGAACTGACTTCTGAAACTGTTTCCACGA
AGAAGACCATATTCATGCAGGAGGACACAAACCCCCTTGAGAAGGAGGCCTTGAAGCAGG
GATTCCTGCCAGGTACTTNCAGTCTGATCCCAGGATGCCTCAACGGGTTCCTCCTCAGAT
CTGCTGGCCAGATTGCCAGAACTTCAAAGCCACAGGAATAAATTACAGGAGCTTTTCACT
GAAGTGCTCATGAATGCTC
```

Restriction Sites: Please inquire

ACCN: BC007374

Insert Size: 1257 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.

RefSeq: BC007374.2, AAH07374.1

RefSeq Size: 1248 bp

Locus ID: 84332

Cytogenetics: 10q23.1

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]