

Product datasheet for **SC307377**

DCDC1 (NM_181807) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	DCDC1 (NM_181807) Human Untagged Clone
Tag:	Tag Free
Symbol:	DCDC1
Synonyms:	DCDC5
Mammalian Cell Selection:	Neomycin
Vector:	<u>PCMV6-Neo</u>
E. coli Selection:	Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM_181807 edited
 GTACAAAAAGCAGAAGGGCCGTC AAGGCCACCATGGCAAAAACAGGAGCAGAAGATCA
 CAGAGAAGCACTATCTCAGTCTTCCTTATCCCTCTTGACTGAAGCAATGGAAGTATTACA
 GCAAAGTAGCCCTGAAGGCACTTTGGATGGGAATACTGTAACCCAATTTACAAATATAT
 TTTGAATGATTTACCAAGAGAGTTTATGTCATCCAGGCAAAAAGCAGTTATTTAAACTAC
 TGATGATTATTTGCAGTCTCAGTTTGGCCCAACAGACTCGTGCATTTCAGCAGCAGTATC
 AGAAGGGTCAGGACTTCAAGATTGCTCCACACATCAAACAGCATCAGATCACAGCCATGA
 TGAAATATCAGACCTAGATAGCTACAAATCAAACAGTAAAAACAATTCTTGTCTATATC
 AGCATCCAAGAGAAACAGACCTGTCAGTGTCCAGTGGGTC AACTGAGGGTTGCAGAGTT
 CTCTTCTTTAAAATTTTCAGTCAGCCCGAATTGGCAGAAATTGTCTCAAAGACACAACT
 TCAACCAAGAGTGATTAAGTAACAGCTTACAAAATGGATCTAGAACAGTCTTTGCCAG
 AGTTACTGTACCAACCATCACCTTGCTGCTGGAGGAGTGACAGAAAAGCTGAATCTGAA
 CATGGCCGCAAGACGAGTGTTCTTGGCAGACGGCAAGGAAGCCCTCGAACCTGAAGATAT
 ACCCCATGAAGCCGATGTTTATGTTTCAACGGGAGAGCCCTTTTTAAATCCATTCAAAAA
 AATTAAGACCATCTGTTGTTAATTAAGAAAGTAACTTGGACAATGAATGGGTTGATGCT
 TCCTACTGATATCAAAGACGGAAAACCAAGCCTGTTCTTTCTATTAGAATGAAGAACT
 TACTGAGAGGACCTCAGTCCGAATCTGTTCTTTAAGAATGGCATGGGGCAGGATGGGCA
 TGAGATTACAGTGGGAAAAGAAACAATGAAAAGGTTTTAGATACTTGTACAATAAGAAT
 GAATCTAAATTTACCAGCCAGATATTTTTATGATTTGTATGGCAGAAAATTGAAGATAT
 TTCAAAAGGAAAGCACTAGGGCCCTCATGGGCCAGCTTTCTTGTAC

Restriction Sites:	Please inquire
ACCN:	NM_181807
Insert Size:	1100 bp



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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:	The ORF of this clone has been fully sequenced and found to be a perfect match to NM_181807.1.
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:	<ol style="list-style-type: none">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_181807.1, NP_861523.1</u>
RefSeq Size:	1719 bp
RefSeq ORF:	1065 bp
Locus ID:	341019
UniProt ID:	<u>Q6ZRR9</u>
Cytogenetics:	11p13
Gene Summary:	<p>This gene encodes a member of the doublecortin family. The protein encoded by this gene is a hydrophilic, intracellular protein. It contains a single doublecortin domain and is unable to bind microtubules and to regulate microtubule polymerization. This gene is mainly expressed in adult testis. It does not have a mouse homolog. [provided by RefSeq, Sep 2010]</p> <p>Transcript Variant: This variant (2) differs contains an alternate 3' exon structure and a completely different coding region, compared to variant 1. It encodes isoform 2, which is shorter and has a novel sequence, compared to isoform 1.</p>