

## Product datasheet for **SC214862**

### **DISC1 (NM\_001164553) Human 3' UTR Clone**

#### **Product data:**

Product Type:	3' UTR Clones
Product Name:	DISC1 (NM_001164553) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	DISC1
Synonyms:	C1orf136; SCZD9
ACCN:	NM_001164553
Insert Size:	1507 bp



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**Insert Sequence:** >SC214862 3' UTR clone of NM\_001164553  
The sequence shown below is from the reference sequence of NM\_001164553. The complete sequence of this clone may contain minor differences, such as SNPs. **Red**=Cloning site  
**Blue**=Stop Codon

CAATTGGCAGAGCTCAGAATTCAA**GCGATCGC**

ATGGAAGCCTCGACATC**CTGA**ACCAAACCTCTATTAATGAAACTTCCCAAATTTAAACAAAGCAAGACAA  
ATAGATATCCACACAGCGTAGATCATGACTTCTTTAGACATCATGAAAAGAAAAAGAGGACCCACGTGGA  
AGAATACGCTCATTTATGATCAGGGTAGCATCATATTCCTCTCCCTTTAACATTATTTACAGGATAGCAG  
CTGTCTGGATGCTGGCCATGGGCTTGAACAAAACAGGTGGGCATTTCTGCCACTGTACCGTTTCTCCC  
ATGCGTTTCCCAGTCCCCTGTCATGGCATGAAAAACCGCTATTGTTCTGTGTTGGGACAATTAGATTTT  
TGTAGGGGGGAGAAACCCAAAAGCAAATGGAAAAATGCTATGATTAATGTCAGTTACGGGAATTA  
AACTTCGGAGGCCTTTAGACAATTATGAAGGAATCATTTTCCCTTGGTGGCAATATGACTACAGTTG  
TCCCTTGATATCCATGGGGGATTAATCCAGGACGCCTGTGGATACAGAAATCCACGTGTACTCAAGTCT  
TGTTTTAGTGGATATGAAAAGTCGGCCCTCCATATCTGCAGGTTTTACACTGGCGAATGCTGTATTTT  
TGATTCATGTTGGATTAAGGATCTGGAACCCCTGATACAGACTGTATTTATTGAAAAAAGTCTGCCTA  
TGAGTAGACTCACATGTTAAACCCGTGTTGTTCAAGGGTCAACCATAACTGCAGGCAGAACATCTGGGC  
AGGAAGCTCCTGCAGGAAGACCTGTAACCTCAGGTCTGTGGAACGGCGATGATCTTCCCTTGCTTCC  
AGAATTATTGCTGTGAGATCAGGTGACTGGCTACGACCTTACTCTTTGTGCAGAACTTATTTCTGGTCT  
GGTTTAAAGTGAACGTTATTCTTTCTGTGCAGTCTGTGGTTACATCAAAGGTTAAATTTTCATATAGCATG  
TCTGTTATATCAGACTTCTCTGATGGCCTGTCCAGAGCAAACATTTTAAAAATTTGGTCCCTATTCTGTCT  
TATAACAGTCTGCTCTGGTGATTTTTGTCTCATCAATTGGATTATGACACTGTACAGCCACTGTTAGTGTT  
ATTCTCAAATTCAGTCTTCCATTCATCTCTCCTTCCCTTCCCTGGCAGACAGACTTCTGCAGCCACTGGG  
ACTGTTGGGGTGAGGAAAGGCAAGAACCAGATGTTTCATTCTCTCCCTCCCTTCTTCTCCCTCTTTTTTG  
TTGTTGTGGGGTGGGCTACATCTTCTTACCAAAACAACCAGGAGCATTTGTTGGCAAGTTTATTGTGCC  
CAGTGGCGATGTCTGGACAATTAATCCCTAGGTCAGTGGCTTTCACAGTTTGTGATGGTACTCCAGGA  
AGGAAACTCACCATGACCCTGTATATACATAGAACAAAATGCAGCCACTCTGATATTGATTTGTTCT  
ATTCTAGTTCATTAAGTGAATGTTGGTCTTCATCC

**ACGCGT**AAGCGGCCGCGCATCTAGATTCGAAGAAAATGACCG

**Restriction Sites:** SgfI-MluI

**OTI Disclaimer:** Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).

**Components:** The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

**RefSeq:** [NM\\_001164553.1](#)

**Summary:** This gene encodes a protein with multiple coiled coil motifs which is located in the nucleus, cytoplasm and mitochondria. The protein is involved in neurite outgrowth and cortical development through its interaction with other proteins. This gene is disrupted in a t(1;11) (q42.1;q14.3) translocation which segregates with schizophrenia and related psychiatric disorders in a large Scottish family. Alternate transcriptional splice variants, encoding different isoforms, have been characterized. [provided by RefSeq, Jul 2008]

Locus ID: 27185