

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
Symbol:	DISC1
Synonyms:	C1orf136; SCZD9
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
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**ACCAAACCTCTATTAATGAACTTCCCAAATTTAAACAAAGCAAGACAA
ATAGATATCCACACAGCGTAGATCATGACTTCTTTAGACATCATGAAAAGAAAAAGAGGACCCACGTGGA
AGAATACGCTCATTTATGATCAGGGTAGCATCATATTCCTCTCCCTTTAACATTATTTCCAGGATAGCAG
CTGTCTGGATGCTGGCCATGGGCTTGAACAAAACAGGTGGGCATTTCTGCCACTGTACCGTTTCTCCC
ATGCGTTTCCCAGTCCCCTGTCATGGCATGAAAAACCGCTATTGTTCTGTGTTGGGACAATTAGATTTT
TGTAGGGGGGAGAAACCCAAAAGCAAATGGAAAAATGCTATGATTAATGTCAGTTACGGGAATTA
AACTTCGGAGGCCTTTAGGACAATTATGAAGGAATCATTTTCCCTTGGTGGCAATATGACTACAGTTG
TCCCTTGATATCCATGGGGGATTAATCCAGGACGCCTGTGGATACAGAAATCCACGTGTACTCAAGTCT
TGTTTTAGTGGATATGAAAAGTCGGCCCTCCATATCTGCAGGTTTTACACTGGCGAATGCTGTATTTT
TGATTCATGTTGGATTAAGGATCTGGAACCCCTGATACAGACTGTATTTATTGAAAAAAGTCTGCCTA
TGAGTAGACTCACATGTTAAACCCGTGTTGTTCAAGGGTCAACCATAACTGCAGGCAGAACATCTGGGC
AGGAAGCTCCTGCAGGAAGACCTGTAACCTCAGGTCTGTGGAACGGCGATGATCTTCTCCCTTGCTTCC
AGAATTATTGCTGTGAGATCAGGTGACTGGCTACGACCTTACTCTTTGTGCAGAACTTATTTCTGGTCT
GGTTTAAAGTGAACGTTATTCTTTCTGTGCAGTCTGTGGTTACATCAAAGGTTAAATTTTCATATAGCATG
TCTGTTATATCAGACTTCTCTGATGGCCTGCCAGAGCAAACATTTTAAAAATATTGGTCTATTCTGTCT
TATAACAGTCTGCTCTGGTGATTTTTGTCTCATCAATTGGATTATGACACTGTCAGCCACTGTTAGTGTT
ATTCTCAAATTCAGTCTTCCATTCATCTCTCCTTCCCTTCCCTGGCAGACAGACTTCTGCAGCCACTGGG
ACTGTTGGGGTGAGGAAAGCAAGAACCGATGTTTCATTCTCTCCCTCCCTTCTCTCCCTCTTTTTTG
TTGTTGTGGGGTGGGCTACATCTTCTTACCAAAACAACCAGGAGCATTTGTTGGCAAGTTTATTGTGCC
CAGTGCCGATGTCTGGACAATTAATCCCTAGGTCAGTGGCTTTCACAGTTTGTGATGGTACTCCAGGA
AGGAAACTCACCATGACCCTGTATATACATAGAACAAAATGCAGCCACTCTGATATTGATTTGTTCT
ATTCTAGTTCATTAAGTGAATGTTGGTCTTCATCC

ACGCGTAAGCGGCCGCGCATCTAGATTCGAAGAAAATGACCG

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