

Product datasheet for **SC304621**

DISC1 (NM_018662) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: DISC1 (NM_018662) Human Untagged Clone
Tag: Tag Free
Symbol: DISC1
Synonyms: C1orf136; SCZD9
Mammalian Cell Selection: None
Vector: [pCMV6-XL5](#)
E. coli Selection: Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM_018662 edited
GGGGCGCATGCCAGGCGGGGTCCTCAGGGCGCCCCAGCCGCCGCGCGCGGGCGCGT
GAGCCACCGCGCAGGCAGCCGGATTGCTTACCACCTGCAGCGTCTTTTCGGAGGCGCG
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GGTCAGCAAGGCCTTGCAGGACACCCTGGCCTCAGCCGGTCAGATTCCCTTCCATGCAGA
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 AGAAATCACTACTAAGGTGTGTATGAGTGAGAAATTCGCAGCACCTGAGGAAGAAAGT
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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_018662 unedited
 GGGTTTGTATACACTCCTATAGGGCGGCCGAATTCGCCCTTAGCGGGGCGCATGCCA
 GCGGGGGTCTCAGGGCGCCCCAGCCGCCCGCGGGCGGGCGGCGTGAAGCCACCGCGCA
 GGCAGCCGGGATTGCTTACCACCTGCAGCGTGCTTTCGGAGGCGGGCGGCTGGCACGGAGG
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 ACACTGTTCCGGTCCCAGGAGGGGTGTCTGGCGAGGAGTCCCACCCTCGGAGTCCAGG
 GCCAGACAGTGTGGCCTTGACTCGAGAGGCCTCTTGGTCCGGAGCCCTGTTTCCAAGAGT
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 AGAGTGGCACCAGATTGCCTGACAGGCTTAGCTGGCCGTGTGGCCCTGGGAGTGTGGG
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 CTCGGCCCTTCAGTCTTCTTGGCTACACGGTCTCTGCAGACTTGCCAGCCGAAGAAC
 AGCTCCAGGCCAGAGCGTACATGCATTCTTTACCCAGAACATTGGACCCTGGCTCTCT

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_018662 unedited
 CGATGGATGCACTTCAGGGCCGAGAGGCACTGGGGAGGTGGTCACAGGGCATGCCACCC
 GGGATCTGTTCCAGAAACAGCTATGACCGCGCCGAATCTAGAGTGCACAAGCTTGATA
 TCGGTACCAGATCTGAATTCGCCCTTACCTCTGAGCTGAATCCCAAAGTGCGCCGAGGT
 TCCTCTCACAGAGGTCACAGTAGGGGCTGCTGCACTCTTGAAACAGGGCTCCGGACCAA
 GAGGCCTCTCGAGATAAAGCCGTAGGGAACACAATCAGCACATTCACATATTGTGCTTTT
 GCTTTGTTTCTTGACCCAGCCAATTGCTGGCTTAAGCATGGCCATCTCCTTGACTGAG
 GACAGAAGTGCTGCACAGCATGGAAGGCTGAGCAAAGCACCAGATGCCTTCTGGAACGC
 CAGTGTGACTTCAGGAAATGACAAAAATGGTCTCATATCCGTGGATCCTAGTGAAGGCAG
 GAACCTCACTATCCCTAAACACATAAATGAGAACAGAAGCACAACAGAAACAACCACTGG
 ATTAATTTACCAATCTGTGGCAGGTAGTTATTAAGCTCAACACTCTGCAAAAAGTGTGAG
 TGTGGTTTCTAAAGTGATGTAATCAGAGTTTGGACTGGGACTTCTCAGAGAATGCAGT
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 TCTCTCAGACTAATATGCTAATGTGCATTGTGGTTTCTCCAAGCAGATATTTATGGTATG
 GTGATTTTACCAAGGTAATTGACCCGGAGAGGTAATCCTTTGTTTGTAGAGACTTCTCT
 TGGGGCCACCTTCTCAGTGCACCTTGGGAAGTGTGCCCTAATTGAAATCAGCCTGTTG

Restriction Sites:

Please inquire

ACCN:

NM_018662

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 open reading frame of this TrueClone was fully sequenced and found to be a perfect match to the protein associated to this reference.

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:	NM_018662.2 , NP_061132.2
RefSeq Size:	7069 bp
RefSeq ORF:	2565 bp
Locus ID:	27185
UniProt ID:	Q9NRI5
Cytogenetics:	1q42.2
Gene Summary:	<p>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]</p> <p>Transcript Variant: This variant (L) encodes isoform L, also known as the 'Long' isoform.</p>