

Product datasheet for **RC228573L4V**

DISC1 (NM_001164539) Human Tagged ORF Clone Lentiviral Particle

Product data:

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|---------------------------|--|
| Product Type: | Lentiviral Particles |
| Product Name: | DISC1 (NM_001164539) Human Tagged ORF Clone Lentiviral Particle |
| Symbol: | DISC1 |
| Synonyms: | C1orf136; SCZD9 |
| Mammalian Cell Selection: | Puromycin |
| Vector: | pLenti-C-mGFP-P2A-Puro (PS100093) |
| Tag: | mGFP |
| ACCN: | NM_001164539 |
| ORF Size: | 2265 bp |
| ORF Nucleotide Sequence: | The ORF insert of this clone is exactly the same as(RC228573). |
| OTI Disclaimer: | The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info |
| OTI Annotation: | This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene. |
| RefSeq: | NM_001164539.1 |
| RefSeq ORF: | 2268 bp |
| Locus ID: | 27185 |
| UniProt ID: | Q9NRI5 |
| Cytogenetics: | 1q42.2 |
| MW: | 82.1 kDa |



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Gene 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]