

Product datasheet for **SC337285**

CDRT1 (NM_001282540) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CDRT1 (NM_001282540) Human Untagged Clone
Tag:	Tag Free
Symbol:	CDRT1
Synonyms:	C17ORF1; C17ORF1A; C17ORF1; FBXW10B; FBXW10P1; HREP; SM25H2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >NCBI ORF sequence for NM_001282540, the custom clone sequence may differ by one or more nucleotides

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ATGAAAACTGGAATCAAGGCTCAAGAATGCCCCCTATTTTCGTTGTGAGAAGGGAACCGATTCCATCC
CTCTATGCCGGAAGTGTGAGACGCGTGTCTTAGCCTGGAAGATCTTCTACCAAAGAGTGGTTCTGCAG
GATCAATGACATATCACAGAGGAGTTTCTAGTTGGCATTCTGAAGCAGTTAAATAGCTTATATTTGTTA
CACTATTTCCAAAATATCCTTCAGACCACACAGGAAAGGATTTTATCTATAACAGGTCCCGGATCGACC
TCAGCAAGAAAGAGGGGAAAGTTGTGAAGTCTCCTTGAACCAAATGTTGGATAAAAACAGTAGAACAGAA
GATGAAAGAGATCTTGATTGGTTTGCGAACAGCACCCAGTGGACCAAGGCGAATTATACTCTCTTACTG
CTGCAGATGTGCAACCCCAAATTACTGCTCACTGCTGCCAATGTGATCAGAGTCTGTTTCTGAGAGAGG
AGAACAATATCTCAGGGCTCAATCAAGACATCACAGATGTGTGTTTTTCCCTGAGAAAGACCACAGCTC
CAAGTCTGCGACCTCACAAGTCTATTGGACAGCCAAAACCTCAGCACACATCCCTTCTTTGTCCAAAGCC
CCAGAAAATGAACACTTCTTGGGGCAGCATCTAACCTGAGGAACCATGGAGGAATTCCTCCGGTGTGA
TATCCGAAATGAATAGGCTGTTTTCTGGAAAAGCAGACATAACCAAGCCAGGGTACGATCCCTGCAATCT
ATTGGTTGACCTGGATGACATCAGAGACCTGTCTTCTGGGTTTCCAGAAATACCGAGACTTCATCCGTAC
CTGCCATCCACCTCTCCAAGTACATTCTAAGAATGCTGGATAGACACACCCTGAACAAGTGCAGCTCTG
TGAGCCAGCACTGGGCCCATGGCTCAACAGGTCAAGATGGACTTGTGACGCGACGGCTTCATTAGAA
CCAGATTACCTTCTTGCAGGGGTCTATAACAAGAGGAATTGATCCTAATTATGCCAATAAGGTTTCTATC
CCAGTTCTAAAATGGTAGATGACGGGAAGAGCATGCGTGTGAAACATCCGAAGTGAAGTTGAGAACGA
AGAATGAGTACAACCTGTGGACTGCATACCAGAACGAGGAAACGCAGCAGGTCTGATGGAGGAGAGAAA
TGTTTTCTGTGGACCTACAATGTTCCGATTCTCTGACACGTGGGATCAAACCGAGTCATCCACTAT
TCCGGGGAGATCTGATAGCTGTGCATCTAATCGAAAGATCCATCTTCTGGACATCATACAAGTAAAG
CGATACCCGTTGAATTCGAGGCCATGCTGGGAGTGTCCGGGCCCTCTTCTGTGTGAGGAGGAAAACCTT
TCTCTAAGCGGGAGCTATGACCTAAGTATCAGATACTGGGATCTGAAAAGTGGGGTTTGCACACGAATC
TTCGGTGGTACCAGGGGACTATCACTTGCATGGACTTGTGTAAGAACAGGCTCGTATCTGGAGGAAGAG
ATTGCCAGGTAAGATGGGATGTAGACACAGGGAAGTGCCTGAAGACGTTTAGACACAAGACCCCAT
CTTGGCCACCAGGATCAATGATACCTACATTGTGAGCAGCTGTGAGCGAGGGCTGGTAAAGTGTGGCAC
ATTGCCATGGCCAGTTGGTAAAGACTCTCAGTGGCCACGAGGGAGCTGTGAAATGCCTGTTCTTTGACC
AGTGGCATCTCCTCTCAGGAAGCACTGATGGCCTGGTTCATGGCCTGGAGCATGGTGGGAAGTACGAGCG
CTGCCTGATGGCCTTCAAGCATCCCAAAGAGGTGCTCGACGTGTCCCTTCTTCTCCTCCGGTCTCAGC
GCCTGTGCAGATGGCAAGATCCGAATTTACAATTTCTTCAATGGGAAGTGTATGAAGGTGATAAAAGCCA
ATGGCAGAGGCGATCCTGTGCTGTCTTTTATTTCAGGGCAACAGTGTACCTTACGGAAGACCTATCT
GCCAGTTGAGTGGAAAGACAGATGGAAGGAGGGTTAGGAAGAAGGCAGAGAAGTCAGCTGGGATGTGCTGT
AATAACCCACGCAAAACCGATGATGGGCTGAAGCTAAAGCACTGA
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Restriction Sites: SgfI-RsrII

ACCN: NM_001282540

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).

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:

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_001282540.1](#), [NP_001269469.1](#)

RefSeq Size: 3215 bp

RefSeq ORF: 2145 bp

Locus ID: 374286

Cytogenetics: 17p12

Gene Summary: Members of the F-box protein family, such as FBXW10, are characterized by an approximately 40-amino acid F-box motif. SCF complexes, formed by SKP1 (MIM 601434), cullin (see CUL1; MIM 603034), and F-box proteins, act as protein-ubiquitin ligases. F-box proteins interact with SKP1 through the F box, and they interact with ubiquitination targets through other protein interaction domains (Jin et al., 2004 [PubMed 15520277]).[supplied by OMIM, Mar 2008]
Transcript Variant: This variant (2) has alternate 3' exon structure and it thus differs in the 3' coding region and 3' UTR, compared to variant 1. The encoded isoform (b) has a distinct and shorter C-terminus, compared to isoform a. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.