

Product datasheet for **SC116162**

CDRT1 (NM_006382) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CDRT1 (NM_006382) Human Untagged Clone
Tag:	Tag Free
Symbol:	CDRT1
Synonyms:	C17ORF1; C17ORF1A; C17ORF1; FBXW10B; FBXW10P1; HREP; SM25H2
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >NCBI ORF sequence for NM_006382, the custom clone sequence may differ by one or more nucleotides

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ATGAAAACTGGAATCAAGGCTCAAGAATGCCCCCTATTTTCGTTGTGAGAAGGGAACCGATTCCATCC
CTCTATGCCGGAAGTGTGAGACGCGTGTCTTAGCCTGGAAGATCTTCTACCAAAGAGTGGTTCTGCAG
GATCAATGACATATCACAGAGGAGTTTCTAGTTGGCATTCTGAAGCAGTTAAATAGCTTATATTTGTTA
CACTATTTCCAAAATATCCTTCAGACCACACAGGAAAGGATTTTATCTATAACAGGTCCCGGATCGACC
TCAGCAAGAAAGAGGGGAAAGTTGTGAAGTCTCCTTGAACCAAATGTTGGATAAAAACAGTAGAACAGAA
GATGAAAGAGATCTTGATTGGTTTGCGAACAGCACCCAGTGGACCAAGGCGAATTATACTCTCTTACTG
CTGCAGATGTGCAACCCCAAATTACTGCTCACTGCTGCCAATGTGATCAGAGTCTGTTTCTGAGAGAGG
AGAACAATATCTCAGGGCTCAATCAAGACATCACAGATGTGTGTTTTCCCTGAGAAAGACCACAGCTC
CAAGTCTGCGACCTCACAAGTCTATTGGACAGCCAAAACCTCAGCACACATCCCTTCTTTGTCCAAAGCC
CCAGAAAATGAACACTTCTTGGGGCAGCATCTAACCTGAGGAACCATGGAGGAATTCCTCCGGTGTA
TATCCGAAATGAATAGGCTGTTTTCTGGAAAAGCAGACATAACCAAGCCAGGGTACGATCCCTGCAATCT
ATTGGTTGACCTGGATGACATCAGAGACCTGTCTTCTGGGTTTCCAGAAATACCGAGACTTCATCCGTAC
CTGCCCCACCTCTCCAAGTACATTCTAAGAATGCTGGATAGACACACCCTGAACAAGTGCAGCTCTG
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CCAGATTACCTTCTTGCAGGGGTCTATAACAAGAGGAATTGATCCTAATTATGCCAATAAGGTTTCTATC
CCAGTTCTAAAATGGTAGATGACGGGAAGAGCATGCGTGTGAAACATCCGAAGTGAAGTTGAGAACGA
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TGTTTTCTGTGGACCTACAATGTTCCGATTCTCTGACACGTGGGATCAAACCGAGTCATCCACTAT
TCCGGGGGAGATCTGATAGCTGTGCATCTAATCGAAAGATCCATCTTCTGGACATCATAAAGTAAAAG
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TCTCCTAAGCGGGAGCTATGACCTAAGTATCAGATACTGGGATCTGAAAAGTGGGGTTTGCACACGAATC
TTCGGTGGTACCAGGGGACTATCACTTGCATGGACTTGTGTAAGAACAGGCTCGTATCTGGAGGAAGAG
ATTGCCAGGTAAGATGGGATGTAGACACAGGGAAGTGCCTGAAGACGTTTAGACACAAAGACCCCAT
CTTGGCCACCAGGATCAATGATACCTACATTGTGAGCAGCTGTGAGCGAGGGCTGGTAAAAGTGTGGCAC
ATTGCCATGGCCAGTTGGTAAAGACTCTCAGTGGCCACGAGGGAGCTGTGAAATGCCTGTTCTTTGACC
AGTGGCATCTCCTCTCAGGAAGCACTGATGGCCTGGTCTATGGCCTGGAGCATGGTGGGGAAGTACGAGCG
CTGCCTGATGGCCTTCAAGCATCCCAAAGAGGTGCTCGACGTGTCCCTTCTTCTCCGGGTCTCAGC
GCCTGTGCAGATGGCAAGATCCGAATTTACAATTTCTTCAATGGGAAGTGTATGAAGGTGATAAAAGCCA
ATGGCAGAGGCGATCCTGTGCTGTCTTTTATTTCAGGGCAACAGAAATTCAGTCTGCCACATCAGCAC
ATTTGCTAAAAGAATTAACGTGGGATGGAATGGAATCGAACCAAGTGTACAGCTCAGGGAGGAAATGCC
TCCTTGACCGAGTGTGCTCATGTGAGACTCCACATCGCAGGACACTTACCAGCATCGAGGCTGCCCGTGG
CCGCTGTCCAGCCATGACAGGCGGGATGGCCCAACACAGCTCCGACCCATGTGTTGGCAATGCTGAT
CCTTTTCAGTGGTGTGATG
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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_006382 unedited GGTGCGGCATTAGTAAACGTTTCATATAGGGCGGCCGCAATTCGCACGAGGCCCGGCTAC TTGGAAGACTGAGACAGGAGAATCACTTGTGTCTGGTAGGTGCAGTTGCAGTGAGCCAG GATCGCGCCGTTGCACTCCAGCCTGGGCAACAAGAGTGAAACTCCATCTCAAAAAAAAAA AAAAAAAAAAGGCAGCAAACACCATTTTGAGGCCAGTTATGGCCAGTGCCGCTCAATCA CACAAAAATGCTCCCAACCTACAAACAACCCAGGCATTTTATGAGAGGATGGTACTG CCTGCTACTCTGTTCCCTTCCAGAGAGGTGCTCGACGTGCCCTTCTCTCCTCCGGGTC ATCAGCGCCTGTGCAGATGGCAAGATCCGAATTTACAATTTCTTCAATGGGAAGTGTATG AAGGTGATAAAAGCCAATGGCAGAGGCGATCCTGTGTCTCCTTTTATTTCAGGGCAAC AGAATTTTCAGTCTGCCACATCAGCACATTTGCTAAAAGAATTAACGTGGGATGGAATGGA ATCGAACCAAGTGTACAGCTCAGGGAGGAAATGCCTCCTTGACCGAGTGTGCTCATATG AGACTCCACATCGCGGGACACTTACCAGCATCGAGGCTGCCCGTGGCCGCTGTCCAGCCC ATGACAGGCNGGATGGGCCCAAACCACAGCTCCGACCCATGTGGTTGGCAATGCTGATCC TTTTCAGGGGGGGTAGCAACCGGTTTACAGGAAAATGTTGAAAAGCCCCAAGGCCTCCT GGGAGTGAATTCACCCCAAGGTCAGAATGGCACCTCCTGGAACAACCCACCAAGGGGCA AAGGACCCCGCTTGCAACCGGCCTGGAAAAGGCCAAAACTGGGAGGGTCATTTCCAATT AACTCATTCCCCTTCTCAAAATCGGCCTGGCAAAATCT
Restriction Sites:	NotI-NotI
ACCN:	NM_006382
Insert Size:	4700 bp
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:	<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_006382.1 , NP_006373.1
RefSeq Size:	2780 bp
RefSeq ORF:	759 bp
Locus ID:	374286
UniProt ID:	O95170
Cytogenetics:	17p12
Domains:	WD40

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 (1) represents the shorter transcript but encodes the longer isoform (a).