

Product datasheet for **SC318230**

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: | Neomycin |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |

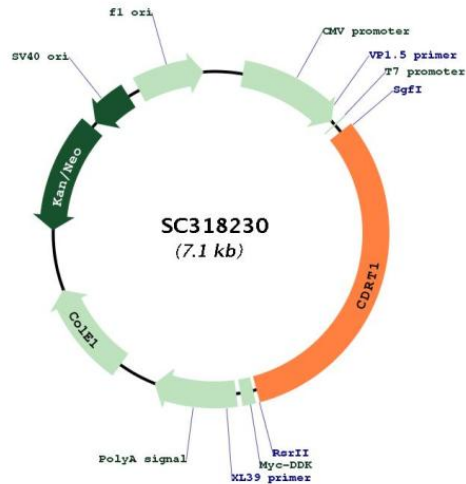


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Fully Sequenced ORF: >SC318230 representing NM_006382.
Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGAAAACCTGGAATCAAGGCTCAAGAATGCCCCCTATTTTCGTTGTGAGAAGGAACCGATTCCATC
CCTCTATGCCGGAAGTGTGAGACGCGTGTCTTAGCCTGGAAGATCTTCTCTACCAAAGAGTGGTTCTGC
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ATCCTGGATTACAAGGATGACGACGATAAAGGTTTAA
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Restriction Sites: SgfI-RsrII

Plasmid Map:


ACCN: NM_006382

Insert Size: 2259 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).

OTI Annotation: This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

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_006382.3](#)

RefSeq Size: 2780 bp

RefSeq ORF: 2259 bp

Locus ID: 374286

UniProt ID: [O95170](#)

Cytogenetics: 17p12

Domains: WD40

MW: 85.4 kDa

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).