

## Product datasheet for **SC213800**

### RECQ1 (RECQL) (NM\_002907) Human 3' UTR Clone

#### Product data:

|                           |  |
|---------------------------|--|
| Product Type:             | 3' UTR Clones                                |
| Product Name:             | RECQ1 (RECQL) (NM_002907) Human 3' UTR Clone |
| Symbol:                   | RECQ1  |
| Synonyms:                 | RecQ1; RECQL1                                |
| Mammalian Cell Selection: | Neomycin                                     |
| Vector:                   | pMirTarget (PS100062)                        |
| ACCN:                     | NM_002907                                    |
| Insert Size:              | 1314 bp                                      |



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**Insert Sequence:** >SC213800 3'UTR clone of NM\_002907  
 The sequence shown below is from the reference sequence of NM\_002907. The complete sequence of this clone may contain minor differences, such as SNPs.  
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GCTAAGAAAAGAAAAATCGATGATGCCATGATGAATGTTACTAAATTTTCTAATTAAAGATGGTTTAT
GCATGTATATGCCATTATTTTTGTAGTTAGACAATAGTTTTTAAAAAATTTTCATAGATATTTTATATG
TATGGATCTATATTTTCAGAGCTTATCTCTGAAGATCTAACTTTTGAGAATGTTTGAAAATTAGAGAT
CATGAATTATATAATTTCCAGTATAAAACAAGGGAAAAATTTTATGTAACCCTTTAAATGTAAAA
TATTTGAGAATAAGTTCATACAATCGTCTTAAGTTTTTATGCCTTTATATACTTAGCTATATTTTTTC
TTTTGACATAACTATCTTTTTGAAAGCAATATTACTGACAGAGGCTCACTGAGTGATACTTTAAGTT
AAATATGTAGATCAAGGATGTCCAATCTTTGGCTTCCCTGAGCCACATTGGAAGAAGAATTGCTTGG
GCCGCACATAAAATATGCTAACACTGATGATAGCTGATGAGCTTAAAAAATAATGCAAGAAAAATCT
CATGTTTTAAGAAAGTTTACAAAAATGTAAAATATTTGAGAATAAGTTCATGTAATTGTCTTAAGTTT
TTTATGCCTTTATATACTTAGCTATATTTTTCTTTTGACATAACCATCTTTTGAAAGCAATATTATA
CTGACAGAGGTTCACTGAGTGATACTTTAAGTTAAATATGTAGATCAGGGATGTCCAATCTTTGGCTT
CCCTGAGCCACATTGGAAGAAGAATTGTCTTGGGCCGCACATAAAATATGCTAACACTGACGATAGCTG
ATGAGCTTAAAAAATAAATGCAAGAAAAATCTCATGTTTTAAGAAAGTTTACAGATTTGTGTTGG
GCTGCATTCAAAGCTGTTCTGGGCTGCATTAGACCCGTTGGCTAGAGTTGGACAAGCTTGTAGATGATT
TCAGGTTATAAAACCAGAAGTACAATCAACAAAAAGGAGTAAGTCATCAATATAAATATTAGCAAAC
GAGATATTGCTACATCTCTATTTAAAGTAAAATACAACCGATTTTAAAGTTCCTGAAACCATAGCCATA
TTTTGACATTTTACAAAGAATGTTCTAGTCTACTAGAGTACATTTGGCTAAGTAGATAACTTACCTAA
ATTTGCTCCAAAGCTAAATCACAAGTAAACATATTTATGTTTTAAACACAGAAATAAATAACTTAAGAT
TTTTATCTAAGCGGTCAAGTGTGATTGAAAGATATATCTATAAATAAACTTTGAACTGATTTCAAAC
TTA
ACGCGTAAAGCGGCCGCGCATCTAGATTCGAAGAAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATCCACCGCCCTTCTATGAAAGG
  
```

**Restriction Sites:** SgfI-MluI

**OTI Disclaimer:** Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).

**Components:** The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

**RefSeq:** [NM\\_002907.4](#)

**Summary:** The protein encoded by this gene is a member of the RecQ DNA helicase family. DNA helicases are enzymes involved in various types of DNA repair, including mismatch repair, nucleotide excision repair and direct repair. The encoded protein is involved in the processing of Holliday junctions, the suppression of sister chromatid exchanges, telomere maintenance, and is required for genotoxic stress resistance. Defects in this gene have been associated with several types of cancer. [provided by RefSeq, Jan 2017]

**Locus ID:** 5965

MW: 51.8