

## Product datasheet for **SC201931**

### REC8 (NM\_001048205) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	REC8 (NM_001048205) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	REC8
Synonyms:	HR21spB; REC8L1; Rec8p
ACCN:	NM_001048205
Insert Size:	189 bp
Insert Sequence:	>SC201931 3'UTR clone of NM_001048205 The sequence shown below is from the reference sequence of NM_001048205. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site  GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC CTGATCCAGCCGGGGCCAGATTCCACTGAGGTTAGAGTCCATTTACAAAGCTGCCAGGAAACCGGCCA CTTCTAGTAAACCACGTGTCCTCACTGGGTCCTGCTTACCTCATTCTGAATGTGCATTCCAGCCT TCTTGCTCTCAGAGCTATTGTTCAAGCAGAAAACAAGCTGCTTTTATTACA ACGCGTAAGCGGCCGCGCATCTAGATTGAAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
Restriction Sites:	Sgfl-Mlul
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:	<u><a href="#">NM_001048205.2</a></u>



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**Summary:** This gene encodes a member of the kleisin family of SMC (structural maintenance of chromosome) protein partners. The protein localizes to the axial elements of chromosomes during meiosis in both oocytes and spermatocytes. In the mouse, the homologous protein is a key component of the meiotic cohesion complex, which regulates sister chromatid cohesion and recombination between homologous chromosomes. Multiple alternatively spliced variants, encoding the same protein, have been found for this gene. [provided by RefSeq, Jul 2008]

**Locus ID:** 9985

**MW:** 7.1