

Product datasheet for **SC215489**

RAD21 (NM_006265) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	RAD21 (NM_006265) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	RAD21
Synonyms:	CDLS4; hHR21; HR21; HRAD21; MCD1; MGS; NXP1; SCC1
ACCN:	NM_006265
Insert Size:	1596 bp



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Insert Sequence: >SC215489 3'UTR clone of NM_006265
The sequence shown below is from the reference sequence of NM_006265. 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
ACACCTGGACCAAGGTTCCATATTATAAAGGAGCTAGAAGCATTATAGCTAGTGTGTTGATTCACTAGT
GCTTACA AATTGCCCCATGTGTAGGGGACACAGAACCCTTTGAGAAA AACTAGATTTTTGTCTGTACA
AAGTCTTTCCTTTTTCTTCTTCAATTTTTTCCAGTACATTA AATTTGTCAATTCATCTTTGAGGGA
AACTGATTAGATGGGTTGTGTTGTGTTCTGATGGAGAAAACAGCACCCCAAGGACTCAGAAGATGATT
TTAACAGTTCAGAACAGATGTGTGCAATATTGGTGCATGTAATAATGTTGAGTGGCAGTCAAAGTCAT
GATTTTTATCTTAGTTCCTTACTGCATTGAAAAGGAAAACCTGTCTGAGAAAATGCCTGACAGTTT
AATTTAAA AACTATGGTGAAGTCTTTGACAAGAAAAAACAACAAACACTTCTTTCCATCAGTAAC
ACTGGCAATCTTCTGTAACTCTCTTAGGGATGGTATCTGAAACAACAATGGTCACCTCTTGA
GATTCGTTTTAAGTGAATTCCATAATGAGCAGAGGTGTACGCGAAATTGTGTTATGACTGATAGCCTT
CAGCTACAAA AAGATAGGACTGACCTGGTTAAAGTGTCTATTTTGAAATCATTCCATTTGAGTCTT
TCTGATGAACTTGGCTATACTGAAATCTGTTATTTTAGTGAGGCTCCAAAATGAGCAAAGCTAGGCCTG
ATTAGAGTAGAGTGACTATTA AAAACATAACTTTCTAGGAGCTATAAATCAAAGTTTTAAAAGATGT
TTGGATATATTTGAGTATCCGATCATGAAAACAGAAATTGCCCTGCCTACTACAAGGACAGACTGATG
GGAAATATGCACCTGGTCAACTTAGCTTTTAAGCAGACGATGCTGTAAAACTAACGGCTTCTCTGAT
ATTTATGTAAGTTTTAGTACTGATCTCCTTTTCCAGTCTGCACACTCCTGGTTTGGAACTTTAATAG
CGTTGCAACGAAATCCTATATCCAGTTTCTGTAAATTTAATTGAAGAAAAATACATCCAAATAAAGACT
TTATTATTAACAGACCAGATAGCATCAGAAATCATGTGACTGTTATGATTATCAGAATGTCTTAACTTT
TTAGGGCAAAGTTAACACTGAAAGTTCTAGCTTAAGTGTGAAACTTTTTGTGGAAAAA AATCACTT
TTGAAACTCAGACTTCAGTGTATACCCAATAATTTAAAATTATGTGAAATGTTTTAAATTTGTAACCTC
GTAATTACTGTTTTAATGATTAGTTTCTTCCAGTGGTAATTGTATAAAATTGCTATTGCAGCTTTAC
ATTCAATATGATGTGCCTGTAACCAAGGAGTTTTCCCGTTTGTAAAAAGACATTGTAGATAATTGAA
TGTTTTGATTTAGAAAGTCAATAGTTTCTTGTACACATTTTGTAGTCTGGTTTTTGTGCTTATCG
GGTTTAATATTGTTCTTGAAAATAGTTGATGCTATGTTATGTATAACTTTTCTAATAAAAGTTGTGTTA
TAAGCTGTA
ACGCGTAAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
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Restriction Sites: Sgfl-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_006265.3](#)

Summary: The protein encoded by this gene is highly similar to the gene product of *Schizosaccharomyces pombe rad21*, a gene involved in the repair of DNA double-strand breaks, as well as in chromatid cohesion during mitosis. This protein is a nuclear phospho-protein, which becomes hyperphosphorylated in cell cycle M phase. The highly regulated association of this protein with mitotic chromatin specifically at the centromere region suggests its role in sister chromatid cohesion in mitotic cells. [provided by RefSeq, Jul 2008]

Locus ID: 5885

MW: 61