OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for SC206065

Rad51L1 (RAD51B) (NM_133510) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	Rad51L1 (RAD51B) (NM_133510) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	RAD51B
Synonyms:	R51H2; RAD51L1; REC2
ACCN:	NM_133510
Insert Size:	459 bp
Insert Sequence:	>SC206065 3'UTR clone of NM_133510 The sequence shown below is from the reference sequence of NM_133510. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC CTGGTTCTTCAAGGCCAAGAGAAGCCATAGGATACTGTGACCTTTGTCTAGAGTTGATGGGGGTGTGA TTTGTGAAATAAAACAGGACCGTACTGCTTGGAAGAAGGAAACGGAAGCTGACATAATGGGGATTAATT AGTTGATTGCTGTTGAGATGGTAACAGATTTGCTCCTAAACCATTGAGCTAGCGATTTCAGACCTAGCA GGGAAGGTGAAGATGAAGAAGCCTTTGTTCAGGTCTCTAGATGTGTAGGGCTGAGGGCTTTGCCGCCAT GGGATGTCAACAGCCATAATAATAATTTGCACTTATATAGCACCTTTCAACCAGGCACCTCAAAGCGGT TTAACCACATTAATTAATTAAAGCCCACAATCCTCCTGGGGAGAGGAGGAGGATGACTAACAAGATTTG TAATTACAGGAGGGAACATTTCCGAATAAAGTATTGTCTACCAGA ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTTCGATTCCACCGCCGCCTTCTATGAAAGG
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_133510.4

View online »

Summary: The protein encoded by this gene is a member of the RAD51 protein family. RAD51 family members are evolutionarily conserved proteins essential for DNA repair by homologous recombination. This protein has been shown to form a stable heterodimer with the family member RAD51C, which further interacts with the other family members, such as RAD51, XRCC2, and XRCC3. Overexpression of this gene was found to cause cell cycle G1 delay and cell apoptosis, which suggested a role of this protein in sensing DNA damage. Rearrangements between this locus and high mobility group AT-hook 2 (HMGA2, GeneID 8091) have been observed in uterine leiomyomata. [provided by RefSeq, Mar 2016]

Locus ID: 5890

MW: 17.2