

## Product datasheet for **RN209078**

### Rad54l (NM\_001134960) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Rad54l (NM_001134960) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Rad54l
Synonyms:	MGC189414
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN209078 representing NM\_001134960  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGAGGAGGAGCTTAGCTCCCAGCCAATTGGCCAGGAGGAAACCAGAAGACATATCGTCTGATGATGAAG  
 ACTGGCAGCCTGAGACAGTAACCCCTAAAAACGCAAGTCCACTGCCGAGACCCAGGCCAGCAGTGTTT  
 CCTGTCTCCTTTTCGGAAGCCCTTGACTCAGTTACTCAACCGACCGCCTTGTCTGGATAGCAGTCAGCAT  
 GAAGCGTTTATCCGAAGTATTTTGTCAAAGCCTTCAAGGTCCCCATTCCAAATTATCAAGGTCCCTGG  
 GCTCTCGAGCATTGGGCCTGAAGAGGGTGGCGTTCGTCGTGCCCTGCATGACCCCTGGAAGAAGGTGC  
 CTTGGTCTGTATGAGCCTCCCCACTGAGCGTCCATGACCAACTGAAGCTTGACAAAGAAAACTCCCT  
 GTTCACGTGGTTGATAGATCCTATTCTCAGTAAGGTGTTGCGACCTCATCAGAGAGAGGGAGTGAAGTTCC  
 TTTGGGAGTGTGCACCAGTCGACGAATTCCTGGAAGCCATGGTGCATCATGGTGTATGAGATGGGCCCT  
 AGGAAAGACACTGCAGTGCATCACATTGATGTGGACACTTTTGGCCAGAGCCCAGAGTGAAGCCAGAA  
 ATTGAGAAAGCAGTGGTGGTCTCACCTCCAGCCTGGTGAAGAAGTGGTACAATGAGGTTGAGAAATGGC  
 TTGGAGGGAGGATCCAACCTCTGGCCATCGACGGAGGCTCAAAGGATGAGATAGACCCGAAAAGTGGAAAG  
 ATTCATGAACCAGCGTGGAGCTAGGGTGCCTTCCCCATCCTCATCATCTCCTATGAGACTTTCCGCCTG  
 CATGTTGAAGTCTTAAAAAGGAAACGTTGGACTGGTCAATGTGACGAGGGCCACAGGCTAAAGAAGT  
 CTGAGAACCAGACTTACCAGGCTCTGGACAGTCTGAATACCAGCCGGCGGGTGCATCTCCGGGACCCC  
 CATCCAGAACGATTTGCTTGAATATTTCAAGTGGTGCCTCGTTAATTCAGGCATTTTGGAACTGCC  
 CATGAATTCAGAAGCATTGTTGAATACCAATTTGAAGAGTGCAGATGCAGTGCAGTGCAGTGCAGTGC  
 GGCAGCTTGGAGAGGAACGTTTGGCGGAGCTCATCAGTATTGTGAACAGGTGCCTGATACGGAGAACATC  
 TGATATCCTCTAAGTATCTGCCAGTGAAGATTGAGCAGGTGGTTTGTGTAGGCTGACACCCCTTCAA  
 ACTGAGCTATACAAGAGATTTCTAAGACAGGCTAAGCCTGAAGAAGAATTGCATGAGGGCAAGATGAGTG  
 TATCTTCCCTGTCTTCTATCACCTCTCTAAAGAAGCTGTGTAATCATCCAGCTCTAATCTATGACAAGTG  
 TGTGGCAGAGGAGGATGGCTTTGAGGGCACTTTGGGTATCTTCCCCCTGGTTATAACTCTAAAGCTGTA  
 GAACCACAGTTGTCGGTAAGATGCTGGTCTTGACTACATTCTGGCCATGACTCGAAGCCGTAGCAGTG  
 ACAAGTCTGCTGGTGTCAAATATACTCAGACATTGGATCTCTTTGAAAAGCTGTGCCGGCTCGAAG  
 GTACTTGTATGTTCCGCTGGATGGCAGCATGTCCATTAAGAAGCGAGCCAAAGTTGTGGAGCGCTTCAAT  
 AGCCCATCGAGCCCTGATTTGTTTTTCATGCTGAGCAGCAAAGCTGGAGGCTGTGGGCTTAACCTCATTG  
 GTGCTAACCGGCTGGTCAATGTTGATCCTGACTGGAAATCCAGCCAATGATGAACAAGCTATGGCCCGAGT  
 CTGGCGAGACGGTCAAAGAAGATCTGCTATATCTACCGACTGCTCTCTGCAGGAACAATTGAGGAAAAG  
 ATCTTTACGCGCAAAGCCACAAGAAGGCTCTGAGCAGCTGTGTGGTAGATGAGGAGCAGGATGTGGAAC  
 GTCACTTCTCTTGGTGGTCAAGAGCTGTTACCCTGGATGAAGCCAGCCTCAGTGACACTCACGA  
 CAGACTGCATTGCCCGCCTTGTGTAATAACCGCCAGGCTGGCCACCCCTGATGGTCTGACTGCACT  
 TCAGACCTGGCTCAGTGAACATAACACAGATAAACGAGGGCTCCAGGATGAGGTACTCCAGGCTGCCT  
 GGGATGCTTCACTACAGCCATCACCTTCGCTTCCACCAGCGTTCATGAGGAGCAGCGGGTCTTCA  
 CTGCTAA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_001134960  
**Insert Size:** 2247 bp

<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_001134960.1</a></u> , <u><a href="#">NP_001128432.1</a></u>
<b>RefSeq Size:</b>	2820 bp
<b>RefSeq ORF:</b>	2247 bp
<b>Locus ID:</b>	298429
<b>Cytogenetics:</b>	5q35