

## Product datasheet for **RN214093**

### Rad52 (NM\_001106617) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Rad52 (NM_001106617) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Rad52
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN214093 representing NM_001106617 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGCTGGGGCTGAAGAAGCGGTCCATGGAGGCTGTGACTGCCGTCTCCGTTTGTGGTGGGAAGTCTG  
TGCTTCTCTTTGGACAGAGCCAATACACAGCAGATGAATACCAGGCCATCCAGAAAGCCCTGAGGCAGAG  
GCTGGGGCCAGAGTACATTAGCAGCCGCATGGCCGGGAGGAGGTGAGAAGGTGTGTATATTGAAGGTAC  
CGGTAATTAATCTGGCCAATGAGATGTTTGGTTACAATGGCTGGGCACACTCCGTCACCCAGCAGAAT  
TGGATTTTGTGACCTCAACAATGGCAAGTTCTACGTGGGAGTCTGTGCATTTGTAAAGGTGCAGTAAA  
GGATGGTTCTACCATGAGGATGTGGGCTATGGAGTTAGTAGGGCCTCAGATCGAAGGCTTTGTCACTG  
GAGAAGGCCAGGAAGGAGGCTGTGACTGACGGGCTGAAACGGGCACTCAGGAGTTTTGGGAATGCACTTG  
GAAACTGCATTCTGGATAAAGACTATCTGAAGTCGCTGAATAGGCTGCCTCGGCAGCTCCCACTTGAAGT  
GGATTTAACTACAACAAAGAGAGAAGATTTTGAACCATCTGTAGAACAGGCAAGATATAACAGCTGCCGA  
CAGGATAAAGCATCGGGGCTCCCCAAACCACAGGAAGCAGCTTCTCCTTGACACCAAGCCACCCACATG  
ATTCGAACATTAAGCTACAGGGGCTAAGGACAGCAGCAGCAGCTCCTGCAGTCTGGCCACCACCTCAGA  
GAGTGATGCCACTCACCAGGAAGCTCCGGAAGCTCCGGCAGAAGCAGTTACAGCAGCAGTTCCGGGGA  
ACAGATGGAGGTGAGACCCTGTCTCAAACAACACCTCCCAAAGACACCCCCCCCACCATTCTGCAG  
CACTTCCAGCCCCCACAACACAGCACCCCGTACCTGCAGCCTCGGCATGCCTCAGGGAGAAAGCCGT  
CCTTCCAGATAACCTAGAAGAGAACCTTGAATGTGGACCTTACTCCAGACTTAGAGGACATCATTAAAG  
CCCTTGTGTAGAACAGAACCACCCCAAACCTCTGTCAACCGAACCTCAACAACCAGGCGGTGATCCAGG  
ACAGTGTCCCACATATCCATTGCCACCAGAAAAGTACAAGAAAAACCTGGACCTGGGCACCTGCAGACCTG  
CAGCACTAATCAGCATGTCTAGTAGCAGAGAAAACCTGAATCTCATAGGAAGAGCCAGGACCTGAAG  
AAAAGGAACTAGATCCATCC**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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<b>Restriction Sites:</b>	Sgfl-Mlul
<b>ACCN:</b>	NM_001106617
<b>Insert Size:</b>	1284 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_001106617.2</a></u> , <u><a href="#">NP_001100087.2</a></u>
<b>RefSeq Size:</b>	1864 bp
<b>RefSeq ORF:</b>	1284 bp
<b>Locus ID:</b>	297561
<b>Cytogenetics:</b>	4q42