

## Product datasheet for **RN214087**

### Rad21 (NM\_001025701) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Rad21 (NM_001025701) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Rad21
Synonyms:	MGC116373
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN214087 representing NM\_001025701  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGTTCTACGCACATTTTGTCTCAGCAAACGAGGGCCTCTGGCCAAAATTTGGCTGGCGGCCATTGGG  
 ACAAGAAGCTAACCAAAGCCCATGTGTTGAGTGTAACTTAGAAAAGCAGTGTGAAAGTATCATCTCACC  
 TAAGGTGAAGATGGCGCTGCGGACGTCAGGACACCTCCTCCTGGGCGTAGTCCGCATCTATCACAGGAAA  
 GCCAAATACCTCCTCGCGGACTGTAATGAAGCATTATATAAAATAAAGATGGCTTTTCGCCAGGTGTTG  
 TCGATCTACCTGAGGAAAATCGGGAAGCGGCTTATAATGCCATTACTTTACCTGAGGAATTTACAGATT  
 TGACCAGCCACTGCCAGACTTAGATGACATTGACGTCGCCAGCAGTTCAGCTTGAACCAGAGCAGAGTA  
 GAAGAGATAACCATGAGAGAAGAAGTTGGGAACATCAGTATCCTACAGGAAAATGACTTCGGTGACTTTG  
 GAATGGATGACCGTGAATCATGAGAGAAGGCAGTGCTTCGAGGATGACGACATGTTAGTGAGCACCAG  
 TGCTTCCAACCTCCTCCTAGAGCCTGAGCAGAGCACCAGCAACCTGAATGAAAAGATTAACCATTTAGAG  
 TATGAGGACCAGTACAAAAGATGATAACTTTGGAGAAGGCAATGATGGTGGTATATTGGACGACAAAATTA  
 TAAGTAATAATGACGGTGGCATCTTTGACGACCCCTGCCTTGCTGAGACGGGGTCACTGTTGCCAGA  
 GCAGCCTGCACACGATGATATGGATGAGGATGACAATGGCTCGTTGGGTGGGCTGATAGTCTGACTCT  
 GTGGATCCTGTTGAACCAATGCCAACCATGACTGATCAGACAACACTCGTCCCAATGAGGAAGAAGCTT  
 TTGCATTGGAGCCATTGATATAACTGTCAAAGAAAACAAAAGCCAAGAGGAAGAGGAAGCTGATTGTTGA  
 CAGTGTCAAGGAATTGGATAGTAAGACAATTAGAGCCAACTCAGTGATTACTCTGATATTGTTACAAC  
 CTGGACCTGGCCCCGCCACCAAGAAGCTGATGATGTGAAAGAGACGGGAGGGTGGAGAAGCTTCTCT  
 CTTTACCAGCGCAGCCATTGTGGAATAACCGACTACTGAAGCTTTACACGCTGCCTTACTCCACTTGT  
 ACCAGAAGACCTTAGGAAAAGAAGGAAAGGGGAGAGGCAGATAATCTGGATGAGTTCCTCAAAGAGTTC  
 GAGAACCAGAGGTCCCCGAGAGGAGCAGCAGCCGACGACAGCAGCAGCAGGCGCAGCGTGACGTCA  
 TTGATGAGCCATTATAGAAGAGCCAAGCCGCTTCAGGACTCAGTGATGGAGGCCAGCAGAACAACAT  
 AGAAGAGTCGGCCATGCCTCCACCACCCCTCAGGGAGTTAAGCGAAAAGCCGGGCAAGTAGACCCGGAG  
 CCTGCGATTCTCCTCAGCAGGTAGAGCAAATGGAAATACCACCAGTAGAACTTCCCCAGAAGAACCTC  
 CCAATATCTGTCAGCTGATACCGGAGTTAGAGCTTCTACCAGAAAAGGAGAAGGAGAAGAGAAGGAGAA  
 GGAGGAGAAGAAGAGGAGGAGGATGAAGATGCTTCAGGGGTGATCAGGATCAAGAGGAAAGGAGATGG  
 AACAAAAGGACTCAGCAGATGCTTCATGGTCTTCAGCGAGCTCTGCTAAAACCTGGAGCAGAGTCGATCA  
 GTTTGCTTGAGCTATGTGAAACACAAACCGAAAGCAGGCAGCAGCAAAGTTCTACAGCTTTTTGGTTCT  
 TAAAAAGCAGCAAGCCATCGAGCTCACACAGGAAGAGCCGTACAGTGACATCATTGCAACACCTGGACCA  
 AGGTTCCACATCATCTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_001025701
- Insert Size:** 1908 bp
- OTI Disclaimer:** 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).
- Components:** 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).

**Reconstitution Method:**

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
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.

**RefSeq:** [NM\\_001025701.1](#), [NP\\_001020872.1](#)

**RefSeq Size:** 3582 bp

**RefSeq ORF:** 1908 bp

**Locus ID:** 314949

**Cytogenetics:** 7q31