

Product datasheet for RN215273

Rad54I2 (NM_001134520) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Rad54I2 (NM_001134520) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Rad54I2
Synonyms:	RGD1561889
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN215273 representing NM_001134520 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTCAGACGAATCCGCCTCAGGGAGCGATCCAGACCTGGACCCGGACGTGGAGCTGGAGGATGCGGAAG
AGGAGGAGGAGGAGGAGGTGGCAGTGGAGGAGCATGACAGGGATGACGAGGAAGGCCCTGCTGGATGA
CCCATCCCTGGAAGGCATGTGTGGCACTGAGCATGCCAGCTGGGGGAAGATGGGCAGCGCCGCCCGCGG
TGCACTTCAACTACCTCATCTCAGTCTGAGCCTTCAGAGCAGCTTAGGCACCAAGCAAGATCTTAGCAT
CTGAGGACCCCAAAAAGAAGCGAGCTCAGAAGCCCTTCACATGAGAAGAAACATACGAAAGCTACTTCG
GGAGGATCAGTTGGAGCCGTTACCAAAGCAGCACAGCAGGAAGAATTGGAAAGAAGAAAGCGCCTGGAG
CAGCAGAGGAAAGAATATGCAGCCCTATTCTACTGTCCCTTTGGAGTTCCTACCTGAGGAAATTTGCT
TACGAGCTAGTGATGGTCCCGAGCTCCCTCCTCGGGTCTTGGCCAGGAAGTCAATTTGTTGGACAGTAG
CAGTGGCAGTGAGGATGAAAAAGCAGTCGAGACGAGGTCAATGAACTGAGTTCGGAGAGGAGGACACT
CTGCACATTGTGGACAGCAGTGAGTCTGTCAGTGAGGAGGACGAGGAAGAGGAGAAGGGTGGCACCCATG
TGAATGACGCCTTAAACCAGCATGACGCTTTGGCGGGTACTTGTCAACCTGAATCACCTCCAGAGGA
GGAGAATGTCTTCTGGCCACAGTTGGCACGGGCTGTGAAACCTCATCAGATTGGTGGGATCCGGTTC
CTATATGATAACCTAGTGGAGTCTTAGAAAGTTTAAAGACAGTAGTGGCTTTGGCTGTATCCTGGCCC
ATAGCATGGGTCTGGGAAAACCTCTGCAAGTATCTCCTTATTGATGTCTTTCCGCCACACGCCAGC
CAAAACAGTCTTGCATTGTACCGGTGAACACTCTTCAGAAATGGTTGGCAGAGTTCAACATGTGGCTC
CCGGCTCTGAAGCCCTCCAGCCGACAGCAAGCCTGAAGAAATCCAGCCTCGGTTCTTTAAAGTTCATA
TCTTGAATGATGAACACAAGACAGTGGCATCCCGTGCTAAAGTGACGACTGATTGGGTTTCAGAGGGTGG
AGTGTCTGCTGATGGGTATGAGATGTACAGACTGCTCACCTGAAGAAGTCTTAGCCACAGGCAGACCC
AAGAAAACCAAGAACGGTCTCACCCGGTCACTTGTGATCTGGATGAAGAAGATCGGCAGCAGGAGTTCC
GGAGAGAGTTTGAAGGCCTTATGTCGCCCTGGTCTGATGTGGTAATCTGTGACGAGGGACACCCGAT
CAAAAATTGCCAAGCCAGCACCTCACAGGCTCTGAAGAACATACGTTCTCGTCGGCGGGTGTGCTGACC
GGCTACCTCTACAGAACAACCTCATCGAGTACTGGTGCATGGTGGACTTTGTGCGCCAGATTTCTTGT



[View online >](#)

GTACTCGTCAGGAGTTCAGCAATATGTTTGAACGCCCTATCCTAAACGGACAGTGTATTGACAGCACACC
 TCAGGATGTCCGCCTCATGCGCTACCGGAGCCATGTTTTGCACAGCCTCCTAGAGGGCTTTGTGCAGAGG
 AGAGGCCACACTGTGTTGAAGATTACCTCCCTGCCAAAGAAGAGAATGTAATCCTGGTCCGGCTTTCTC
 AGATCCAGCGGGATTTGTACACACAATTCATGGACCGTTCCGGGATTGTGGTAGCAGTGGCTGGTTGGG
 GCTGAATCCTCTGAAGGCTTTCTGTGTATGCTGCAAGATCTGGAACCATCCTGATGTGCTATATGAAGCC
 CTTCAGAAGGAAAACCTAGCCAATGAGCAGGACCTAGATGTGGAAGAAGTGGCTCAGCAGGGACCAGTA
 CCCGCTGTCCACCACATGGCACAAGTCAAGGGAGAAGATAGTGCCTTGCCTTCCCTCAATGGGAGAAGC
 AACCAATAGCAAGTTCTACAGGGAGTTGGCTTTAATCCTTTCCAGGAACGGGGCAATAACATCGTTACA
 TATGAATGGGCCAAGGATCTTCTGACTAATTATCAGACTGGAGTCTGAAAACTCTCCCAAGATGGTAC
 TTCTTTTCCACCTGATTGAAGAGAGTGTGAAGCTTGGGGACAAGATTCTTGTATTTAGCCAGAGCCTTTC
 TACCCTGGCTCTCATCGAGGAGTTCTAGGGAAACGAGACATGCCTTGTCCGCCTGGTCCGAGGGGCAA
 GGAGCACAGAAGTGGGTTGAAATGTCAGCTACTTCCGGCTAGACGGTAGCACCCCTGCCTTTGAGAGGG
 AGCGGCTCATTAAATCAGTTCAATGATCCAGCAACCTCACCACCTGGCTGTTCTTCTCTACAAGGGC
 CGGATGCTGGGTGTGAATCTGATTGGTCCAATCGAGTGGTGGTATTTGATGCTTCTGGAACCCCTTGC
 CATGATGCCAGGCAGTATGTCGGGTATACCGTTATGGCCAGAAAAGCCCTGTTACATCTATCGACTCG
 TGGCTGATTATACTCTTGAAGAAGATCTATGACCGGCAGATTTCCAAGCAGGGCATGTAGATCGGGT
 CGTGGATGATCTAAATCCAATGCTGAACTTCAACCCGGAAGGAAGTGGAAAACCTGCTGCATTTTGTGAG
 AAGGAGCCAGCTCCCAACATCTTTGGATATAAAGGGGATCAAGGAGTCACTTGTGCAACTTGCCTGCC
 TGAAGTATCCTCACCTCATCACCAGGAGCCTTTTGGACAGGAGTCACTGCTCCTCAACCGAAAAGATCA
 CAAGCTGACCAAAGCTGAGAAGAAAGCAGCAAAGAAAAGCTATGAGGAGGACAAACGCACATCAGTACCC
 TACACCCGCCATCGTATGCGCAGTATTATCCTGCCAGCGACCAGAGCCTGACCAGCATCCCTGCCTTCA
 GTCAGAGGAAGTGGCAGCAACACTGAAGGTGATGATAAGCCTGTGGCCAGCGTTGCTCCTGTACAGTC
 CACCCCATCCCATGATGCCCGGCATGTCCCACTCGGTGGCAGTGAAGCTCTGCCTTAACACAAAT
 CCATCCATGAACCTCCCATCAACTACTTGCAGCGGGCAGGAGTCTTGTGCAGAAAGTGGTCACCACGA
 CAGATATTGTTATTCTGGACTCAACAGCTCGACAGATGTTAGGCAAGGATCAGTGTGGTGGAGAGCAT
 CCACATCATCCGGGGGACGAAAGGGACATACATCCGTACCAGTGTGGACGAATCTTTGTGTCCGGGCA
 ACTGGCAAACCAAGGCCCTGAAGATGGTGGATGGCTGCCTCAGGTTCCAGGGGCTTCTCTTGCAT
 CCACGAGCAATGGCAGACACAGTGCCTCATCACCAGCCCTGACCCTGAGGGGCTGGCCAGGGCCGT
 CTCTCTGACAGCCAGAAATCATCAGTGTGCTCCAGCAGTATGCAGATGTGGCCGCTGCTCGGGAATCC
 CATCAGAACTCCCAAGCATCAGTGTGCCTGCCTGGCCCCCGGCCAACTTATGACAATAGCACCA
 TTCTGGGACAGCTTTGAACTGAGCCATGCCTTGGGGTTCATTGCCTCAATAGTCCCTCTTGGTGTGAC
 TGGTCAGCCAGTAGTGGCAGGCATCCAGTGTGACTTAAGGGGCCATAGCGAAAAGTTGGCCACTCCA
 TCTGTCTCCAGGAATCAGTCCGTGACGGTCCAGGAAGGGCCATCTGCCAGCCCGTGCAGCCCTATGA
 ACACGGGTATCCAGTCTCTGGCGGGTTTTCAATGCCACCTGTCTCCTTAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001134520
- Insert Size:** 3900 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_001134520.1](#), [NP_001127992.1](#)

RefSeq Size: 6629 bp

RefSeq ORF: 3900 bp

Locus ID: 363135

Cytogenetics: 8q32