

Product datasheet for **RN217301**

Rad54b (NM_001191755) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Rad54b (NM_001191755) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Rad54b
Synonyms:	Fsbp; RGD1306507
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN217301 representing NM_001191755
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGAGACGTTCTGCAGCACCAAGCCAGGTGCGGGGAAATTCCTCTAAAAAAGCAAGATTTGTACCTCCAG
 GAAGAAGTACTACAGGTGTGAGTAAGGAGATTCGATGAGTCCAGAGGCAAAACTGGTTCAGGGCGCCCA
 CCAGTCACAAGGGGATGCAGGTGTGTGCAGTTCCAATCCTTGGCTCACTGAGGGAAGCCCTGTGGAGATG
 GGTGACGGGGCTAGAGTAGATCCGCTTTCTCCAGTTCAGTTCGCTCTAAAGAAATCATAGAGTCCAAGG
 CACAAGAAGAGGAAGCTAGCAGCTTGCTTAAATATTTAGTGTGCTTTGGTGTAAAGCTTCAAAGAAAA
 ACACAAGAAATGGGAAGGCGATGCTATTCTTATTGTAAGGAAGGTCGTTTCAATTGAAAGATATGGAA
 GGAAAAGATATTGGAAGAGGCATGGGATATAAATTCAAAGAGCTTGAAAATGTAGAAGAAGGCCAAACAT
 TGATGCTTGGTGGGAAAGAAATAGAGATCTGGGTACAGTCTCTGCTGAGGACTTCAATAGTGGCAAGTG
 TTTTCAGGCTGGAAGCGAAGTCTGCCGTCCCAAGTTCTCAGGCTGCCAGGAAATGCTTTTCTAACCTT
 TCAAGAGTGTGTGTGATCAACTCAAGCAAGGAGAGACAGAGGGAATGACTGGCAAAATGCAAAACCTC
 GCTATGACCCATACACACCAATGCCCTTGTATGCCTCGACCAGACAAGAGTACCAGTGGGCGTTTAA
 TAGGAGCTGCCTTCTACTGTGGATGTGGTGTAGACCCTCACCTGTACGTACCTCCGACCACACCAG
 AAAGATGGGGTCGCTTCTCTATGAGTGTGTGATGGGAATGAGAGCAGTTGGCAAAATGGTGGCATTCT
 TTGCTGATGAGATGGGATTAGGGAAAACCTGCAGTGTATCTCGCTCATCTGGACCCTCCAGTGTGAGGG
 GCCTTACGGGGCAAGCCAATAGTAAAGAGGACACTTATTGTTACCCCTGGAAGCTTGGTGAATAATTGG
 AGAAAAGAATTTCAAAAATGGCTGGGAAGCGAAAGGATCAAGATATTCACTGTTGATCAGGACCATAAAG
 TCGAGGAGTTTATCAATCTGCATTTCACTCTGTTCTTATCATCAGTTATGAAATGTTACTTCGTTCTCT
 AGATCGAATTAAGACCATAACATTTGGCCTTCTGATTTGTGATGAGGGGACCCGGTTGAAGAACAGTGGT
 ATTAAGACAACAGCAGCCCTTCTAGCCTCTCTGTGAGAAGAGAGTAATTCTGACTGGTACCCAGTTC
 AGAATGATTTGCAAGAGTTTTTTGCATTAGTTGATTTTGTAAATCCAGGAATCTTAGGGTCTCTGCATC
 TTATAGGAGGATATGAAGAGCCATTGTTATGTCAAGAGAGCCTTCTGCTTCAAGGAAGAGAGAGAG
 TTAGGGGAGAGAAGAACAAGTCAAGTGCACAGCCTCACTGGATGTTTTCATCCTTAGAAGAACTCAGGAGG
 TCATCAATAAATATCTCCCCCTAAGATAGAGAACGTAGTCTTTTCCGACCAGGAGCACTGCAGATTGA
 GCTTTACCGAAAGCTGCTGAGTTCTCAATCTGTCAGGTTCTGCTGCAAGGCCTTTTGGAAATAGTGCT
 CACCTCATTTGCATAGGGGCCCTGAAGAAGCTATGCAATCATCCTCGCCTTTGTTGAGCTTTGTGAAGG
 GTAAAGAATTTAACTCGAGTCGTGATGAAAATGAAGAAAGGAGCCTTTGCCAAGGCTTGCTGACTGTGT
 CCCTGCTGGCTACAACCTGCTGCAGCTCTCCGAGAGCGAGTCAGGGAAACTACAGGTGTTAGTAAAGCTC
 CTGGCGGCGATCTCTGAACCTTCTGCCACTGAAAAAGTATTTTGGTATCCAACCTACAGACAAAACCTTGA
 ATCTTTTAGAAGAAGTATGCAAGTGTATGGATATGCTTGTGCAAGACTTGTAGGACAAAACACCAGTCTC
 TCAAAGACAGCAAATGTTGATAATTTCAATAGTAAATACTCTACTGATTTTATTTTTTATTAAGTTCA
 AAAGCTGGTGGTGGGACTTAATCTTATTGGAGGATCTCACTAATCTTTATGATATTGATTGGAACC
 CAGCTACTGACATCCAGGCCATGGCTAGAGTGTGGAGAGACGGCCAGAAACCCCTGTCCATGTTTACAG
 ACTCCTGACTACAGGTACAATAGAGGAAAAGATCTAAGGAGCAGATCAGTAAGCAAGGCCTTTCTGGG
 GCGGTTGTAGACCTAACCCAGATCATCCGAACAGATCCAGTTTTTCAGTGGAAAGAGCTTAAAAACTTGTTC
 CATTACATGAAAATTCACATTGTGTTACTCATGACCTGCTTACTGAGTGTGAGTGCACAGGAGAGAAAGATCA
 CTCTGATGATGCGTCGGAAAACCTGTACCTCTAGACAGTGTGAGTGGCCCTCAGAAGTCCAGCTCC
 TCGAGACCTCTGTCCATGTACAGCTGAAGCAGTGGAAACATTTTTCAGGAGACCATTTAAATCTCCAG
 ACCCATTTCTCGAAAAGAAATAGGGAAAATGTGCTCTTTTTTCCAGAATATAACCAACCAAGCTCTGCG
 CATCTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI
ACCN: NM_001191755

Insert Size:	2667 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).
OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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:	<ol style="list-style-type: none">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:	<u>NM_001191755.1, NP_001178684.1</u>
RefSeq Size:	2806 bp
RefSeq ORF:	2667 bp
Locus ID:	313063
Cytogenetics:	5q13