

Product datasheet for **RN212965**

Rad18 (NM_001077673) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Rad18 (NM_001077673) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Rad18
Synonyms:	MGC156682
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN212965 representing NM_001077673
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGAGGACCTGGCCGAGCCACGGTGGCCTCCGGGTTGGCGATGATGAAGACAATAGATGACTTGCTGC
GCTGTGGGATTTGCTTTGAGTATTTCAACATTGCAGTGATAATCCCCAGTGCTCTCACAACATTGTTC
TCTCTGTATAAGAAAATTTTGTCTATAAAAACAGTGCCCACTTGTTCGCTGGCAGTAACAGAGCCA
GACCTGAGAAAATAATCGCCTCTTAGATGAACTGGTAAAAAGCATGAGTTTTGCACGGACTCGCCTGCTGC
AGTTTGCCTTAGAGTCACCACCTATATCTCCTGTGTCTCCACCTCAAAGAAGGTTGAGTTAAGGTACA
TAATGTTGAAGCCACCCAACACCCTGTCAAACAGGGGAACAGGTTAATGGATAAGTTCCTGATTAGAGAA
ACTGGTGATTGTGTATCCGAGTTGTTGGGAAAAGAAAATGAGAGGAAATTCAGCCCTCAAAAAGAGATAA
GCACCTCTGCTGATATTAAGAGACAAGTCTCCTAGGAAAGACGGCACTTGGTCTCTCGGATGCTAATGG
TCCTGTGACACCCTCTACATCCACTCTGAAACTGGATACTAAAGTGTCTTGTCTGTTTGTGGGGTCAGC
ATTCCAGAAAATCACATCAATAAGCATTAGACAGTTGTTTATCACGGGAAGAGAAAAAGGAGAGCCTTA
GAAGTTCTGCTCACAAAAGGAAGCCATTGCCCAAAACTGTGTATAACTTGCTCTCTGATCGTGATTTAAA
GAAAAAGCTGAAACAGCATGGCTTATCTATTCAAGGAAACAAACAGCAGCTTATTAAGGCATCAGGAA
TTTGTGCACATGTATAATGCCAGTGCGATGCTTTGCATCCTAAATCAGCTGCTGAAATCGTCCAAGAAA
TTGAGAACATGGAGAAGACCAGGATGCGCCTTGAAGCAAGTAACTCAATGAAAATGTTATGGTTTTTAC
AAAGAACCAACAGAGAAGGAAATAGAGGAAATTCACAGTAAATATCGAAAAAGCACCAGAATGAATTC
CAGCTTCTGGTGGATCAGGCCAAAAAAGGATACAAGAAAACGGCAGAATGTCAAAGCTGCAGTAATGA
GGAAGATGAACCTGCAGAGACACTGCCATCTGAACGTATGGCACAAGAAGATAATGTGAGCTTCTCAGA
TACTGTCTCAGTAACAAAAGCACTTTCCTCAGTCCAAGGTGGACTCCCCAGGGCTGTCGGAGCCCGAGAGA
CCAGACGATTCTTCTAGTTGACTGATATTCTTCTCCTCAGAAATCAGATTCGTGCAATAGTTCAGTT
CGGACATCATAAGAGATCTCCTGGAAGAAGAGGAGCCTGGGAAGCAGCTCACAAAAATGATCAAAAACA
AGAAGTAAGCCACAACAGAATCGTCGCACTAGAGCCACTGAACGTGCTGAGATTGAACCAAGAAACAAG
CGGAATAAGAATAG

ACGCGTACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001077673

Insert Size: 1485 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_001077673.1](#), [NP_001071141.1](#)

RefSeq Size: 1737 bp

RefSeq ORF: 1485 bp

Locus ID: 362412

Cytogenetics: 4q42