

Product datasheet for **RN208710**

Rad51c (NM_001129777) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Rad51c (NM_001129777) Rat Untagged Clone
Tag: Tag Free
Symbol: Rad51c
Synonyms: RGD1563765
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN208710 representing NM_001129777
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**C

ATGCAGAGGGAATTGGTGGGTTTTCCGCTGTCTCCGCGGTGCGCGTGAAGCTGGTGGCTGCGGGTTTTTC
 AGACTGCCGAGGACGTCCTGGAGGTGAAGCCCTCCGAGCTTAGCAAAGAAGTTGGGATATCCAAAGAGGA
 AGCCTTGGAACTCTCCAAATTAAGAAGAGAATGTCTCACAATAAACCAAGATGTGCTGGTACATCT
 GTGGCAAACAAGAAGTGCACAGCACTGGAATCTAGAGCAAGAGCACACCCAGGGCTTCATAATCACCT
 TCTGTTACGACTAGATAACATCTTGGGGTGAATACCCCTAATGAAAACGACAGAAGTTTGTGGTGT
 ACCAGGTGTTGGAAAAACACAGTTATGTATGCAATTAGCAGTAGATGTGCAAATCCAGAATGTTTTGGA
 GGAGTGGCCGGTGAAGCAGTATTTATTGATACGGAGGGAAGTTTTATGGTTGATAGGGTGGTAAGCCTTG
 CCACTGCCTGCATTACGACCTTCATCTCATAGCAGGAACACACCGGAAGAAGAACAGCAGAAAGCCTT
 GAAGGATTTTACTCTTGAAAATATTCTGTCCCATTTTATTATTTTCGTTGTCACGATTACACTGAGCTG
 CTGGCACAAGTCTATCTCCTCCAGATTTCCCTTCAGATCATTCAAAGGTGCAGTTAGTGATAATAGATG
 GAATTGCTTTCCCTTTTCGTGATGACCTGATGATCTTTCCCTTCGTACTCGATTACTAAATGGCCTTGC
 CCAACAATTGATCAGCCTCGCAAATAAGCACAGACTAGCTGTTATTTTAACGAATCAGATGACAACAAAG
 ATTGATAAAAATCAAGCTTCGCTTGTTCGCTTAGGGGAAAGCTGGGACATGCTGCTACAATAAGGC
 TAATTTTTCACTGGGAACAAAACAAAGATTTGCAACATTGTACAAATCACCAAGCCAGAAGGAGTCCAC
 AGTACCATTTAGATCACACCTCAGGGATTTAGAGATGCTGTTGTCACTGCTGCCTCATCACAGACAGAA
 AGTTCTTTGAACCTCCGGAACGGTCACGAGAACCAGAGGAAGAATGCT**G**A

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001129777



Insert Size:	1101 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:	<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_001129777.1, NP_001123249.1</u>
RefSeq Size:	1927 bp
RefSeq ORF:	1101 bp
Locus ID:	497976
Cytogenetics:	10q26