

Product datasheet for **MC222921**

Rad51ap2 (NM_001111118) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Rad51ap2 (NM_001111118) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Rad51ap2
Synonyms:	EG209550
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC222921 representing NM_001111118
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGTCTCTGTGCGCCCCGCGTGGCCTGCAGGGCCTGCCTGGCCTGTCTCCTCAGAACCCGCTCCTGAGG
 ACCCCGCTGCGGGCTCCCCAGCAGCAAGCGCGCGTCTGAAGGAGCCTGACGGCGGAGTCTCTGAGGC
 GGGATGGCCGCTGCTTGTGGTGCCTCGCTGTCTGAGGTAGAAAAAGTCTGGGAGTGGTCTGACACCC
 TTCACAGCGTTCCTCATTCCAAAGAGCCCGGGAGCTCAGCCGGTGGGAAGCAGTCGTGTGACCTGGGAT
 GTCGGGACAGAACATTCCAGGCGCACAGCTGTTGGCAGTCTGGAATCTTAGGTTGTTCTAGGGCTCCAAG
 AAGGTCTGTGAAGCAGGACTGCAGGACAGGGAGGTTCAAGGGGTGCGCCTTGGTGACCAAGCAGAAGTG
 AGTCATGCTCCACCCAATAGCCCATGCCCTATGTCCAAGGAGTCAAACAGGAGCCTGAAGAAGTCTCTG
 AGAAGGAAACTATTCTGAAAGAAAAGAATTCTGTGAGAGAGCCAGGAAACCCATTTCTAGATGTACCATT
 TTCTGAGGAAACTAAGTCAGCATTACATGAAATTAAGACAGATGTAAGTTGACAGTGTATAACCTCT
 GAGAAAAAAGAAAACGTTTCATCGTCTACACTAAAAATATCAAAATTTCAAACCCAGGCCTGCTTGAAA
 GTGCCAAACCTAGCTATTTTAGAGATAGCAACAAAAAATTTCTTTGAGTTTCAAAGGGATTTAAATAG
 CAACATGTCTTTGTCTATTTAAAGGAAACAGCAAAAGAAAAAATGACAAAATTTGTGGCATATGTTAGG
 GATTTCAAAACATTTTCTCGTCCCAAAATAGACCGAATGCTAAGAAAACAAAAGTTACAGGATGATAAAA
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 CTACCAGACAAGAATTTCAAACCTGGACTGTGACAGATCTATTTTAAAAAAGGAAAATTTGTTG
 GAGAAATAAAAAAATTAGGATTATTTGTGAGAATAATATGATTCTGAAAAACAATATAGTTTCTTTGCAT
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 AAAGATGTTAACTCTTTAAGACTGTTAGAATGTAATACAAAATCTACAGCAAAGAAAAGGAAACTATTT
 AAAACGGAACATGTTCTTCAACGGGTTAAGAAACAAAACATCAATTTCTTACTATGACAACTAAAATTT
 TTCTAATTTACAACTATGTGAAAATGTTCCCCCTTTAATGGGTTTTGATAACACGGAAGAACTTTCTTT
 GACAAAAGAATCTAGTTATGAGAGTACAAGATGTGCCAACTACTACTAAATATGAAAAATTTGGATTAT
 TATAGTTTTGGTATTGATGGCACACATGTGGAGTCTGATCCTCTATTTATACAGAATAACTGTGGACATA
 TTAATGAAAAATATTATGAGAGTAGTATGTATAATCAAGATTTAGATACTGTAAGAAAATGGAAGCATAA
 GACCATTCACTTTATTTTAAAGTCGATATTTGAAGATGCTTTAATGTTAGACAAGTGTGCACATTGTTA
 AGCCAAAATACATCACACAGTGACCAGATTAATGCTATGGCGATAACTCTGAAGATCAGCTTGGAGAATC
 TGTTAAGTGAAACAGAAGGGAAAATATATGATTTTGTGTTGAAAGAGAGAAATGAAGGTCACAAAAAGTTC
 AAGTAGTTTTCAAGCCATAACGCTATTGACACTGAGAAGGAAGAGGATAGTTTTCCACAATGGACGGA
 ATGTCTTCAGTGCAGTCAGCTTCGCTAGTGAGTAAGAGCATAAATATGGAAGAACTAAATCTCTTAATC
 AAAATAATAGAAGTACACAAAAGAGGATGGAGGATTTTGAAGAAAGTGAAGTACTAATTTCAAAGCA
 TTTTCATCCAAAGAATGAGTCTGCATTATATGCTAATCATCAATTTGAAAGTGACTCAAGTGGGGAGAAC
 AATGAATGTTTTCAAGGTTTAACTGCTACATGTTTATCAACAGAACTCTGCCAATAGCAGAAGAGTTTG
 AGATGAAGAGCAAATTTGATTTAGTACTTGAAGAAGTTCGAATGTTTCATGAAATTAGTAAGGAAAATGA
 AATTCCAAGTACCAGGATGACAAACAATAGGAAAGAAAATTACTTTGGAGAAAGTAAATGATGTTAAAGAG
 GCAAGAATGGAGATAGGAAAAAACTGGAAATGGTTGAAACCAACACAAGAAATGCACCTTTTTTGTCT
 GTGATGTGAAGGCAGGTCTCAACAAACATAAAAGGCACCAAGTTTATTTAACTGAAAAATGCTACCTAC
 TCATGGAGGACAGGCAGTCCCAATGAGTGTGGCCAAGATCAGAGGAACGATCACTCCATTCTACTCCT
 GAGGAAGATTATAAGAAACATTTACCTAAAAGCCCTACTTTTTCCCTGATGAATATAAAAAATGAAACTT
 TATTGAAGGGAGGCAGTCATTTTCGCATGGGATTTCCAGAGTACAGCCTTTAAGACATGCAGTCGTCC
 AATTAGGTTGGCTGTCAAGAAGAGCTAGGCTGAAACAGCTTATCCTTACCTGAAATGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001111118
Insert Size:	2931 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_001111118.1</u> , <u>NP_001104588.1</u>
RefSeq Size:	3175 bp
RefSeq ORF:	2931 bp
Locus ID:	209550
Cytogenetics:	12 A1.1