

Product datasheet for **RR202731**

Rad51d (NM_001107029) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Rad51d (NM_001107029) Rat Tagged ORF Clone
 Tag: Myc-DDK
 Symbol: Rad51d
 Synonyms: Rad51I3
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 Cell Selection: Neomycin
 ORF Nucleotide Sequence: >RR202731 representing NM_001107029
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGGCATGCTCAGGGCAGGGCTGTGCCCGGGCTCACCGAGGAGATCGTCCAGCTTCTGAGGGCCGAA
 AGATCAAACAGTGGCAGACCTGGCAGCTGCTGACTTGGAGGAGGTAGCCAGAAGTGTGGTCTGCCTA
 CAAGGCCCTGGTTGCCCTGAGGAGAGTGTGCTGGCGCAGTTCTCGGCTTCCCCTTAAATGGTGCAGAT
 CTCTATGAGGAACTGAAGACTTCCACTGCCATCCTGTCCACCGGCATCGGAAGCCTGGACAACTACTTG
 ATGCTGGCCTCTATACTGGGAGCTGACTGAAATTGTGGGTGGCCAGGTAGTGGCAAACTCAGGTGTG
 TCTCTGTGTGGTGCAAAATGTGGCCACAGCCTGCAACAGAATGTACTGTATGTGGATTCCAATGGAGGA
 ATGACAGCGTCCCGCCTCCTCCAGCTACTACAAGCTAGAACCAGATGAGGAGAAAACAGGCAAGTGCTC
 TCCAGAGGATACAGGTGGTGCATTCATTTGACATCTTCCAGATGTTAGACATGCTGCAGGACCTTAGGGG
 CACCATGGCCAGCAGGGCAGAGCTTCTCAGGCACTGTGAAGTTGTGATTGTGGATTCTGCTACTGCA
 GTGGTCCGGCCACTTCTGGGAGGTGAGCAGAGGGAAGCCTGGCCTTGATGATGCAGCTGGCCCGAGAGC
 TCAAGATCCTGGCTCGGACCTGGGTGTGGCAGTGGTGGTAACCAACCACTTGACTCGAGACAGGGACAG
 TAGAAGATTCAAACCTGCCCTTGAGCCTCCTGGAGCTTTGTGCCAGTACCCGGATTCTCCTGGAAGTC
 TTTGAGGGAGCTGGAACACTAGGCCGACGCAACGCACAGTACGTCTGATCAAGTCTCCCGCCAGCCAA
 CGGGTCTGCAGGAGGTGATAGACATTGGGACATTGGGACTGAGGAGCAGAGCCAGAATTGCCTGGCAA
 ACAGACG

ACGGTACGGGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA



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OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
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:	NM_001107029.2 , NP_001100499.1
RefSeq Size:	2556 bp
RefSeq ORF:	990 bp
Locus ID:	303375
Cytogenetics:	10q26
MW:	35.4 kDa