

Product datasheet for **RC237609**

RAD9 homolog B (RAD9B) (NM_001286531) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	RAD9 homolog B (RAD9B) (NM_001286531) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	RAD9 homolog B
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC237609 representing NM_001286531 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGAGTGAAAATGAACCTTGACACAACACTGCATTTAAATGCAAATTGGGAATGAAGTCAATTTGCCCA
 TCTTTAGATGTCTGAATTCCTTGAAAGAAATATAGAGAAGTGCAGAATATTCACCAGATCTGATAAATG
 CAAAGTAGTTATTCAATCTCTACAGACATGGTATTAAGAAGTCAATATATGTTTCAAGAAAGT
 CAGCCTTTGCAAGTTATTTTGACAAGAATGTTGTACTAATACGCTAATGATTCAACCAAGATTGCTTG
 CTGATGCCATTGTTCTTTTACATCAAGTCAAGAGGAAGTTACTCTTGCTGTTACTCCACTGAATTTTG
 CCTCAAGAGTTCTAATGAGGAATCAATGGATTTGAGCAATGCTGTACACAGTGAGATGTTTGTGGCTCA
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 GCAAAAATGTAAGTGGCCAGGCCCTGGAATGTATTTCAAAAAAGCAGCACCAAGAAGGCTTTATCTTAA
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 GTCAGTGAAGTATCAGAAAGCAGTGTGAGCAACACAGAGGAAGTGCCAGGGTCTCTGTGTCTCAGAAAGT
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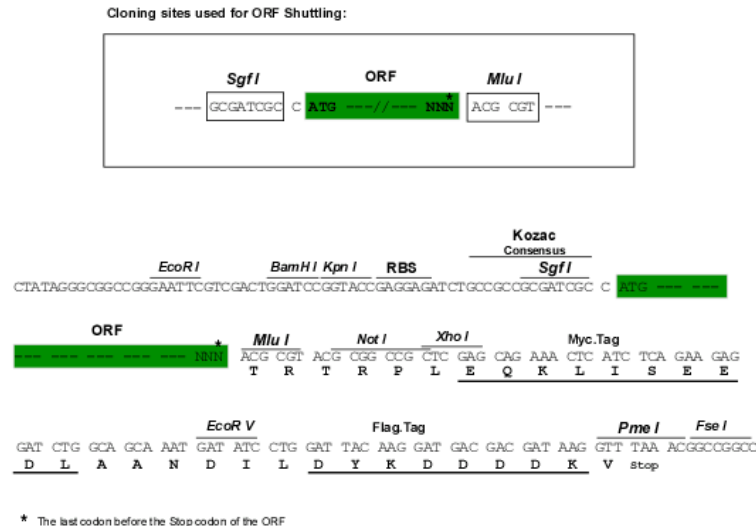
Protein Sequence: >RC237609 representing NM_001286531
 Red=Cloning site Green=Tags(s)

MSENELDTTLHLKCKLGMKSILPIFRCLNSLERNIEKCRIFTRSDKCKVVIQFFYRHGIKRTHNICFQES
 QPLQVIFDKNVCNTLMIQPRLLADAIVLFTSSQEEVTLAVTPLNFCCLKSSNEESMDLSNAVHSEMFVGS
 DEFDFQIGMDTEITFCFKELKGILTFSEATHAPISYFDFFPGKPLALSIDDMLEVFILATLADEQSR
 ASSPQSLCLSQKRKRSDLIEKKAGKNVTGQALECISKKAAPRRLYPKETLTNISALENCGSPAMKRVDGD
 VSEVSESSVSNTTEVPGSLCLRKFSCMFFGAVSSDQEHFNHPFDSLARASDSEEDMNGSFSIF

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001286531

ORF Size: 1035 bp

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:

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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: NM_001286531.2

RefSeq Size: 2809 bp

RefSeq ORF: 1038 bp

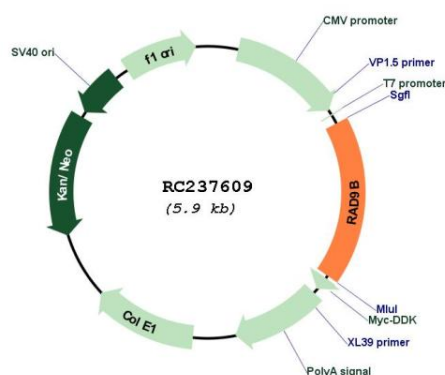
Locus ID: 144715

UniProt ID: Q6WBX8

Cytogenetics: 12q24.11

MW: 39.1 kDa

Product images:



Circular map for RC237609