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Product datasheet for SC210532

Rad9 (RAD9A) (NM_004584) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	Rad9 (RAD9A) (NM_004584) Human 3' UTR Clone
Symbol:	Rad9
Synonyms:	RAD9
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_004584
Insert Size:	881 bp
Insert Sequence:	>SC210532 3'UTR clone of NM_004584 The sequence shown below is from the reference sequence of NM_004584. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC CTGGCGGAAGACAGTGAGGGTGAAGGCTGAACCAAGAACCTGAAGCCTGTACCCAGAGGCCTTGGACTA GACGAAGCCCCAGCCAGTGGCAGAACTGGGTCTCTCAGCCCTGGGGATCAGAAAGGTGGGCTTGCTGGA GCTGAGCTGTTTCACTGCCTCTCGCAGGCCCCAGCTGGCTGTCACTGTAAAGCTGTCCCACAGCGGTCG GGCCTGGGCCGTTATCTCCCCACAACCCCCAGCCAATCAGGACTTTCCAGACTTGGCCCTGAACTACTG ACGTTCCTACCTCTTATTTCTCATTGAGCCTCAGGCTATACTCCAGCTGGCCAAGGCTGGAAACCTGTC TCCCTCAGGCTCACCTTCCTAAGGAAAATGTCATAGTAGGTGCTGCTGGCCCCTGGTGATCCAGCTTCT CTGCCAATCATGACCTGTTCCTTCCTGAAGTCCTGGGCATGCATCTGGGACCCCCGTGGAGCTGACAAG TTTTCCTTGCTTTCCTGATACTCTTTGGCGCTGACTTGGAATTCTAAGAGCCTTGGACCCGAGTGTGTG GCTAGGGTTGCCCTGGCTGGGGCCCGGTGCCGAGACTCCCAAGCGGCTCTGTGCAGAAGAGCTGCCAGG CAGTGTCTTAGATGTGAGACGGAGGCCATGGCGAGAATCCAGCTTTGACCTTTATTCAAGAGACCAGAT GGGTTGCCCCAGGATCCGGCTGCCAGCCCTGAGGCCAAGCACGGCTGGAGACCCACGACCTGGCCTGCC GTTGCCCTGAGCTGCAGCCTCGGCCCCAGGATCCTGCTCACAGTCACCGCAGGTGCAGGCAGGAAGCAG CCCTGGGGGACTGGACGCTGCTATTGATTCATTAAAAAAAGAAAAGAAAAATA ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTTCGATTCCACCGCCGCCTTCTATGAAAGG
Restriction Sites:	SgfI-MluI

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OTI Disclaimer: Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).

Components: The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

RefSeq: NM_004584.3

Summary: This gene product is highly similar to Schizosaccharomyces pombe rad9, a cell cycle checkpoint protein required for cell cycle arrest and DNA damage repair. This protein possesses 3' to 5' exonuclease activity, which may contribute to its role in sensing and repairing DNA damage. It forms a checkpoint protein complex with RAD1 and HUS1. This complex is recruited by checkpoint protein RAD17 to the sites of DNA damage, which is thought to be important for triggering the checkpoint-signaling cascade. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Aug 2011]

Locus ID: 5883

MW: 31.4