

## Product datasheet for SC211460

### RFC5 (NM\_001130112) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	RFC5 (NM_001130112) Human 3' UTR Clone
Symbol:	RFC5
Synonyms:	RFC36
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_001130112
Insert Size:	986 bp
Insert Sequence:	>SC211460 3'UTR clone of NM_001130112 The sequence shown below is from the reference sequence of NM_001130112. The complete sequence of this clone may contain minor differences, such as SNPs. <b>Blue</b> =Stop Codon <b>Red</b> =Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
ACCAGAGACCTGATTGTTGCAGAGGCCTAGATGCTCTGAGGGCCATTACAATTCTCAGGGCTCAGCAG
TGATGGGAGAACAGAGGACAGTTCCAGGATAAACTGCTGCCTGGGGCTGTGGGATGAATCAGTCACCCC
GAATCTTGAAAAACCCCTTCCAGGAGAGGATGGCAGGCATTTAAAAAGTACCATTTTTGTGGTTGT
TTGGAGCAGGGATGTACAAAATAATTTTAAATGTATTAACACTCATACTGCCTGTCTTTATAGGGAAAAA
AATAACCTTTTTTATTTTAAAGTTATAAGTTTTTACCTTTTAGTTGCTTGGATGACAGGAATTAGCC
TACCCCATTTTGGTCTGGAACAGAAGACTTTCAAATTTAATATGGTCCAAGTGTCTTCTACTCAAGGT
AAACATTATCTCCAAATTACATTTATGATTCTAATATTTGGCATTGTGTCTGTATCTAATTTAAACAG
ATGTTAATGGACGCTCGGCCGAACTATTATACTTTTATAAGATGAGCTGAATCCTTACTTTAAAAA
CTGGTCTTTTTATTTACCTCTGTGGTAGAAGAGTCACCAGCAGGTTCCAATTGATGTGTATGATAGG
AAAAAACCTTAATTTTAAATATAATATAGAGCCTTAACTATGCCACTGGGTGGCAGAGGCTGTATAA
AACGCACTTGTTTTCATGCAGGAGCGGGCAAGTAAGGTTGAGCCTGACTGTAACCTAGAACTGCGGA
AGGACTGGGACTTTTGTACAAATTTACATTTATTTTACAGCAATCATGCTGCATTTGTGTTAGTGTTT
TTATAATAAAAAACAAAGCAGCCTCCTGGCTGGCTGTGTTACAAGTACTCTTCCCTTAGACAGCTAGA
AAGATGCTGACTTTGTCAAACCTGCATTTATATGAAAACCTTCTGTCTCTAATATCACAGAATAAACTT
TCTTTAGATGCTGTTCTTTA
ACGCGTAAGCGGCCGCGGCATCTAGATTCAAGAAAAATGACCGACCAAGCGCAGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
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Restriction Sites: SgfI-MluI



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<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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.
<b>RefSeq:</b>	<a href="#">NM_001130112.4</a>
<b>Summary:</b>	This gene encodes the smallest subunit of the replication factor C complex, which consists of five distinct subunits (140, 40, 38, 37, and 36 kDa) and is required for DNA replication. This subunit interacts with the C-terminal region of proliferating cell nuclear antigen and is required to open and load proliferating cell nuclear antigen onto DNA during S phase. It is a member of the AAA+ (ATPases associated with various cellular activities) ATPase family and forms a core complex with the 38 and 40 kDa subunits that possesses DNA-dependent ATPase activity. A related pseudogene has been identified on chromosome 9. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Nov 2016]
<b>Locus ID:</b>	5985
<b>MW:</b>	38