

Product datasheet for **SC211459**

RFC5 (NM_001130113) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: RFC5 (NM_001130113) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: RFC5
Synonyms: RFC36
ACCN: NM_001130113
Insert Size: 986 bp
Insert Sequence: >SC211459 3'UTR clone of NM_001130113
The sequence shown below is from the reference sequence of NM_001130113. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon **Red**=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
ACCAGAGACCTGATTGTTGCAGAGGCCTAGATGCTCTGAGGGCCATTACAATTCTCAGGGCTCAGCAG
TGATGGGAGAACAGAGGACAGTTCCAGGATAAACTGCTGCCTGGGGCTGTGGGATGAATCAGTCACCCC
GAATCTTGAAAAACCCCTTCCAGGAGAGGATGGGCAGGCATTTAAAAAGTACCATTTTGTGGTTGT
TTGGAGCAGGGATGTACAAAATAATTTAATGTATTAACACTCATACTGCCTGTCTTTTATAGGGAAAAA
AATAACCTTTTTATTTAAAGTTATAAGGTTTTACCTTTTAGTTGCTTGGATGACAGGAATTAGCC
TACCCATTTTGGTCTGGAACAGAAGACTTTCAAATTTAATATGGTCCAAGTGTCTTCTACTCAAGGT
AAACATTATCTCCAAAATTACATTTATGATTCTAATATTTGGCATTGTGTCTGTATCTAATTTAAACAG
ATGTTAATGGACGCTGGCCGAACTATTATACTTTTATAAGATGAGCTGAATCCTTACTTTAAAAA
CTGGTCTTTTATTTACCCTCTGTGGTAGAAGAGTCACCAGCAGGTTCCAAATTGATGTGTATGATAGG
AAAAAACCTTAATTTAATATAATATAGAGCCTTAACTATGCCACTGGGTGGCAGAGGCTGTATAA
AACGCACTTGTTCATGCAGGAGCGGGCAAGTAAGGTTGAGCCTGACTGTAAACCTAGAACTGCGGA
AGGACTGGGACTTTGTACAAATTTACATTTATTTTACAGCAATCATGCTGCATTTGTGTTAGTGTTTC
TTTATAATAAAAAACAAAGCAGCCTCCTGGCTGGCTGTGTTACAAGTACTTCTCCTTAGACAGCTAGA
AAGATGCTGACTTTGTCAAACCTGCATTATATGAAAACCTTCTGTCTAATATCACAGAATAAACTT
TCTTTAGATGCTGTTCTTTA
ACGCGTAAGCGGCCGCGGCATCTAGATTCAAGAAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
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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:	<u>NM_001130113.3</u>
Summary:	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]
Locus ID:	5985
MW:	38