

Product datasheet for MC211296

Rfc5 (NM_028128) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Rfc5 (NM_028128) Mouse Untagged Clone
Tag: Tag Free
Symbol: Rfc5
Synonyms: 36.5kDa; 36kDa; 2610020K06Rik; 2610209F07Rik; Recc5
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC211296 representing NM_028128
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGACGGCGCCGCGCCTTCGCAGCAGCGGCCCGCGCGCCCGGGCCCGGAACCTGCCCTGGGTTGAGA
AGTACCGGCCACAGACCCTGGCCGATCTCATTCTCACCAGGACATTCTGAGTACCATTGAGAAGTTCAT
CAGTGAAGACCGCTGCCACACCTACTTCTCTATGGCCCTCCAGGGACAGGAAAGACATCCACCATCCTG
GCCTGTGCCAAGCAACTGTACAAAGATAAAGAATTTGGCTCCATGGTCTTGGAGCTGAATGCTTCTGACG
ACCGAGGGATCGATATTGTTCCGGGGCCAACTCCTCAGCTTTGCCAGCACAAAGACAATCTCAAGAAAGG
GTTAAGCTTGTGATCCTGGACGAAGCCGACGCCATGACTCAGGATGCCAGAACGCCTTGAGACGAGTG
ATTGAGAAGTTCACAGAAAACACAGGTTCTGCCTCATCTGTAACACCTGTCCAAGATCATCCCTGCCT
TGCAGTCTCGGTGCACGAGGTTCCGATTTGGCCCTCTGACACCCGAGCTCATGGTCCCTCGACTGGAACA
TGATGTACAAGAAGAGAATGTGGATATAAGTGAAGATGGAATGAAGGCCCTTGTCACTCTGTCCAGTGGG
GACATGCGAAGGGCTTTGAACATCCTTCAGAGTACCAATATGGCCTTTGGGAAGGTGACAGAGGAGACTG
TCTACACCTGCACCGACACCCACTCAAGACGGACATTGCAATATACTGGACTGGATGCTCAATCAGGA
CTTACCACCTGCCTACAAAACATCATGGAGCTGAAGACTCTGAAGGGCTTGGCGCTGCATGACATCCTG
ACAGAGGTTCACTTGTGTTGTACACAGAGTTGACTTTCCATCTTCAGTTCCGATACACTTATTGACAAAA
TGGCAGACATCGAGTACAGACTTTCTGTTGGCACCAGTGAGAAGATACAGCTGAGCTCCCTCATCGCCG
TTTTCAAGTCACCAGAGACCTGATAGTTGCAGAGGCC**TAG**

ACGGTACGGCGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_028128



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Insert Size:	1020 bp
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
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:	<u>NM_028128.1</u> , <u>NP_082404.1</u>
RefSeq Size:	1750 bp
RefSeq ORF:	1020 bp
Locus ID:	72151
UniProt ID:	<u>Q9D0F6</u>
Cytogenetics:	5 F
Gene Summary:	The elongation of primed DNA templates by DNA polymerase delta and epsilon requires the action of the accessory proteins proliferating cell nuclear antigen (PCNA) and activator 1. [UniProtKB/Swiss-Prot Function]