

Product datasheet for MC205798

Rfc2 (NM_020022) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Rfc2 (NM_020022) Mouse Untagged Clone
Tag: Tag Free
Symbol: Rfc2
Synonyms: 40kDa; 2610008M13Rik; AI326953; Recc2
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC023028
CGGGAAGAGCAGCCACCGGAATGGAGGTTCCAGGAGAGTGGCTGTGACCCATCCGAGAGTGGGGCGCAGGA
GCCCTCGCCTGTCCCAGCAAGACCGCGGCCACTACGAGCTGCCGTGGGTTGAAAAATACAGACCATTG
AAGCTCAACGAAATAGTGGCAATGAAGACACTGTGAGCAGGCTGGAGGTCTTTGCAAGAGAAGGCAATG
TGCCCAATATCATCATTGCTGGTCCCCAGGAACTGGCAAGACAACCAGCATCCTCTGCTTGGCTCGAGC
CTTGCTGGGCCCCGCCCTGAAGGACGCAGTCTGGAACCTCAATGCCTCAAATGACAGGGGCATCGATGTG
GTGAGGAATAAAATCAAATGTTCCGCCAGCAGAAAGTCAACCTTCCCAAGGGCCGCACAAGATCATCA
TTCTAGATGAAGCAGACAGCATGACGGACGGTCCCGAGCAGGCCCTCAGGAGAACCATGGAATCTACTC
GAAGACGACCCGATTGCTTTGGCGTGAATGCTTCAGACAAAATCATAGAGCCCATCCAGTCCCGCTGT
GCGGTGCTCCGCTACACCAAGCTCACTGACGCTCAGGTCTCACCAGGCTCATGAATGTCATCGAGAAGG
AAAAGGTGCCATACACAGATGACGGCCTGGAAGCCATTATCTTCACAGCCAGGGAGACATGCGCCAGGC
ACTGAACAACCTGCAGTCCACCTTCTCAGGATTTGGCTATATCAACAGTGAGAATGTATTCAAGGTCTGC
GACGAGCCCCACCCCTGCTGGTGAAGGAGATGATCCAGCACTGCGTGGACGCCAACATTGACGAGGCCCT
ATAAGATTCTTGCTCACCTGTGGCACCTGGGCTACTCACCAGAAGATGTCATCGGCAACATTTTCCGAGT
CTGCAAAACCTTCCCGATGGCTGAATACTTGAACCTGGAGTTCATCAAGGAGATTGGATACACTCACATG
AAAGTGGCGGAAGGAGTGAACCTCCCTGCTGCAGATGGCTGGGCTCCTGGCCAGGCTGTGTGAGAAGCCA
TGGCTCCAGTGGCCAGCTGACTTGAGACGGCCTCCACTGATGGAACCTAGGAGAGTCTTTGTTGTGGGAGA
TGTGCCTCAGCTAGAACATGCTCACTTTGTTTTCTTCTGTGAAAATAGTCTCTTGTACCCAGGCTGAC
CTTGAACCTCCGATCCTGCCAGTGTGGGTTGGAGGTGTGTGTACGTGTGCTTCTGCGGTACTACA
GATGGAACCCAGGACTCGTGCCTGTGAGACGAGCACTGCCAGCTGGGCTACAGCGAGATACTGAGCTCTG
GAAGTGACACACCTCTGCTCTTCTGTGTGAATCAAGCCCTGGACATGGGGCATGCTGGGAAAGCTCTGA
CCTCCTCAGTCTGTAGCCGATAAAGCCTTTGGATGTTCAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI
ACCN: NM_020022
Insert Size: 1050 bp



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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:	BC023028 , AAH23028
RefSeq Size:	1459 bp
RefSeq ORF:	1050 bp
Locus ID:	19718
UniProt ID:	Q9WUK4
Cytogenetics:	5 74.68 cM
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. This subunit binds ATP (By similarity).[UniProtKB/Swiss-Prot Function]