

## Product datasheet for MC200026

### Rfc4 (NM\_145480) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Rfc4 (NM\_145480) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Rfc4  
**Synonyms:** A1; AI894123; AU040575; RFC37  
**Mammalian Cell Selection:** Neomycin  
**Vector:** PCMV6-Kan/Neo (PCMV6KN)  
**E. coli Selection:** Kanamycin (25 ug/mL)

**Fully Sequenced ORF:** >BC003335 sequence for NM\_145480  
GCCGTTCTGTGGCGGAACCGCGTGCCAGGGGACGGTGACGACTGAGAAGAAGCCATGCAGGCATTTCTGAAAGGCACATCTGTCAGTGCCAAAGCACAACCTGACCAAGGACCGGGGACACCTGCCACTGCAGGAAGCAGTGGAGAAACCAAGAAAGTCAAACCAAGTTCCTTGGGTGGAAAAATACCGTCCAAAGTGTGGATGAA GTGGCTTCCAGGACGAAGTGGTTGCAGTGCTGAGAAAGTCCTTAGAAGGAGCTGACCTTCTAATCTCT GTTTCTATGGGCCACCTGGAACCTGGCAAAACATCCACCATTTTGGCAGCAGCTAGAGAGCTCTTTGGGCC TGAACCTTTTCGATTAAGAGTCTTGAGTTAAATGCATCTGATGAACGTGGAATACAAGTAGTCCGAGAG AAAGTGAAAAATTTTGTCTCAGTTAACTGTATCAGGAAGTCGTTTCAGATGGGAAGCCATGCCTCCCTTTA AGATTGTAATTCTGGATGAAGCAGATTCGATGACTTCAGCTGCTCAGGCAGCTTTAAGGCGTACCATGGA AAAAGAATCAAAAACAACCAGATTCTGCCTCATCTGTAACATATGCAGTGAATAATTGAACCCCTCACT TCTAGATGTTCAAATTCGCTTCAAGCCTCTGTCTCAGATAAAGATTCAACAGGAGCGATTACTGGATATTG CTGAGAAGGAAAAATGTCAAAATTTGGCAATGAGGAAATAGCGTATCTTGTTAAGATATCAGAAGGAGATTT ACGGAAAGCCATCACATTTCTTCAGAGTCCACTCGACTAACAGGTGGAAAGGAAGTCTCTGAAGATGTG ATCACAGACATTGCTGGGTAATACCAGCTGCAACCATTTGATGGAATATTCAGTGCATGTCACAGTGGCT CTTTTGACAACTAGAAGCTGTGGTAAAGAACCTCATAGATGAAGGACATGCAGCTACTCAGCTTGTCAA TCAACTTCATGATGCAATTATAGAAAAATGAAAATCTGTCTGATAAACACAAGTCCATTATCACAGAGAAA CTTGCTGAAGTAGACAAGTGTCTGGCAGATGGTGCAGATGAACACCTGCAGTTGATGAGCCTTTGTGCAA CTGTGATGCAGCAGCTAACTCAGAACTGTTAGAGGCTTCATCTCTCCCTTTTGTATGAAACCAGTTACT ATAAATAAATGGCCAGACCACCTATAAAAAAAAAAAAAAAAAA

**Restriction Sites:** RsrII-NotI  
**ACCN:** NM\_145480  
**Insert Size:** 1095 bp



[View online »](#)

<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">BC003335</a> , <a href="#">AAH03335</a>
<b>RefSeq Size:</b>	1231 bp
<b>RefSeq ORF:</b>	1095 bp
<b>Locus ID:</b>	106344
<b>UniProt ID:</b>	<a href="#">Q99J62</a>
<b>Cytogenetics:</b>	16 B1
<b>Gene Summary:</b>	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 may be involved in the elongation of the multiprimed DNA template (By similarity). [UniProtKB/Swiss-Prot Function]