

## Product datasheet for MC202845

### Rfc3 (NM\_027009) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Rfc3 (NM_027009) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Rfc3
Synonyms:	38kDa; 2810416I22Rik; AU022547; Recc3
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)

**Fully Sequenced ORF:** >BC026795 sequence for NM\_027009  
 GTCCGCTGGTGC GACTGTGGAGCGGT CATGAGCCTCTGGGTGGACAAGTACCGGCCGAGCTCCCTTGCCC  
 GGCTGGACTATCATAAGGAACAGGCAGCACAGCTGCGCAACCTGGTGCAGTGTGGAGACTTTCCTCACCT  
 CTTAGTATATGGACCATCAGGTGCTGGAAAAAAGACAAGAATTATGTGTATTCTACGTGAACTTTATGGT  
 ATCGGGGTGGAAAACTGAGAATTGAGCATCAGACTATCACAACCCCGTCTAAAAAAAATTGAAATCA  
 GCACCATTGCAAGCAACTACCACCTTGAAGTAAATCCCAGTGATGCGGGGAACAGCGACCGAGTTGTAAT  
 TCAGGAGATGCTGAAGACAGTGGCAGCTCACAACAACCTGAAACCAGCTCACAAGAGACTTCAAAGTG  
 GTATTATTGACAGAGGTGGACAACTCACAAGGATGCTCAGCATGCCTTACGCAGAACTATGGAGAAAT  
 ACATGTCTACCTGCAGGCTCATCTTGTGCTGCAATTCACATCTAAGGTGATACCCCGATCCGAAGCAG  
 GTGCCTGGCAGTTCGTGCTGCTCCCAGCATCGAAGATATTTGCAGTGTACTATCCACTGTCTGCAGG  
 AAGGAAGGTCTGGCTCTCCCTTCGACATTGGCCCGTAGGCTGGCCGAGAAGTCATGCCGAAACCTCAGGA  
 AAGCCTTACTTATGTGTGAGGCCTGCAGAGTGCAGCAATACCCTTTACGGAAGACCAAGAAATCCCAGA  
 GACAGACTGGGAGGTGTATCTGAGGGAGACCGCAATGCTATTGTGAGTGCAGCAGACGCCACAGAGGCTC  
 CTTGAAGTCCGTGGAAGGCTCTATGAGCTTCTAACTCATTGTATTCTCCTGAGATAATAATGAAGGGCC  
 TCCTCTCAGAACTCCTCCATAACTGTGATGGGCAGCTGAAAGGGGAAGTGGCACAGATGGCAGCCTACTA  
 TGAGCACCAGCTACAGCTGGGCAGCAAAGCCATTTATCATTGGAAGCATTGTGGCGAAGTTTATGGCA  
 CTTTATAAGAAGTTCATGGAGGATGGACTGGAAGGCATGATGTTCTGACAGCCAGCAGCTCCTCCAAGCA  
 CAACAGATGCCTTGTTTATATAAATGTATCCTGGGACTTTGGGTATAATAAACTAGCTTTACCTAAAAA  
 AAAAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites:	RsrII-NotI
ACCN:	NM_027009
Insert Size:	1071 bp



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<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>	<u><a href="#">BC026795</a></u> , <u><a href="#">AAH26795</a></u>
<b>RefSeq Size:</b>	1215 bp
<b>RefSeq ORF:</b>	1071 bp
<b>Locus ID:</b>	69263
<b>UniProt ID:</b>	<u><a href="#">Q8R323</a></u>
<b>Cytogenetics:</b>	5 G3
<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. [UniProtKB/Swiss-Prot Function]