

Product datasheet for RN212666

Rfc2 (NM_053786) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Rfc2 (NM_053786) Rat Untagged Clone
Tag: Tag Free
Symbol: Rfc2
Synonyms: MGC95315
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN212666 representing NM_053786
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGAGGTTTCAGGAGAGCGGCAGTGGCTCGGCTGAGAGTGGGACGCAGGAGCCCTCGCTGTCCCCAGCA
 AGACCACCGCCACTACGAGCTGCCGTGGGTTGAAAAATACAGACCAGTGAAGCTCAATGAAATAGTGGG
 AAACGAAGACACTGTGAGCAGGCTGGAGGTCTTTGCAAGAGAAGGCAATGTACCCAATATCATCATCGT
 GGCCCTCCAGGAACTGGCAAGACAACCAGCATCCTCTGCTTGGCGAGAGCGCTGCTGGGCCCGGCCCTGA
 AGGATGCAGTTCTGGAACCTCAATGCGTCCAACGACAGGGGCATCGATGTGGTAAGGAATAAAATCAAAT
 GTTCGCCAGCAGAAAAGTCACCCCTCCCAAGGGCCGACACAAGATCATCATTCTGGATGAGGCAGACAGC
 ATGACGGATGGTGCCAGCAGGCCCTCAGGAGAACCATGGAAATCTACTCCAAAACGACTCGCTTCGCTC
 TGGCTTGTAAATGCTTCAGACAAAATCATAGAGCCCATCCAGTCCCCTGTGCGGTGCTCCGCTACACCAA
 GCTCACCGATGCACAGGTCCTCAGCAGGCTCATGAATGTCATCGAGAAGGAAAAAGTGCCATACACAGAT
 GACGGCTGGAAGCCATCATTTTACAGCCCAGGAGACATCGCCAGGCTCTGAACAACCTGCAGTCCA
 CCTTCTCAGGATTTGGCTATATCAACAGCGAGAATGTATTCAAGGTCTGTGACGAGCCCCACCCCTGCT
 GGTGAAGGAGATGATCCAGCACTGTGTGGACGCCAACATTGATGAGGCCTATAAGATTCTTGCTCACCTG
 TGGCACCTGGGCTACTCGCCAGAAGATGTCATCGGCAATATTTTCCGTGTGTGTAACCTTCCCAATGG
 CTGAATACTTGAACTGGAGTTCATCAAGGAGATTGGATACACCCACATGAAAGTGGCCGAAGGAGTGAA
 CTCCTGCTGCAGATGGCCGGGCTCCTGGCCAGGCTGTGTGAGAAGACCATGGCTCCGGTGGCCAGCTGA

ACGGTACGGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_053786



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Insert Size:	1050 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_053786.1</u> , <u>NP_446238.1</u>
RefSeq Size:	1556 bp
RefSeq ORF:	1050 bp
Locus ID:	116468
UniProt ID:	<u>Q641W4</u>
Cytogenetics:	12q12
Gene Summary:	40 kDa subunit of replication factor C; displays decreased expression in postnatal ventricular myocardium; may play a role in neonatal myocardial development and cell proliferation [RGD, Feb 2006]