

## Product datasheet for RN214947

### Rfx7 (NM\_001127490) Rat Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Rfx7 (NM\_001127490) Rat Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Rfx7  
**Synonyms:** Rfxdc2  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >RN214947 representing NM\_001127490  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCCGCGATCGCC

ATGGCAGAGGAACAACAACAGCCGCCACCACAGCAGCTCGATGCCATCAGCAGCTTCCCCTCAGCGCCC  
 CCAACCCCGGGTGGCTCTGCCAGCCCTTGTGCCCGGGCTGCCAGGGACAGAGGCCAGCGCTCTGCAACA  
 CAAGATCAAGAACTCCATCTGCAAACTGTACAATCTAAAGTGGACTGCATTTTGAAGAAGTTGAGAAG  
 TTTACAGACCTAGAGAACTCTACCTCTACCTTCAACTGCCTTCTGGTCTCAGCAGTGCAGAGAAAAGTG  
 ATCAGAATGCCATGTCATCTAGCCGGGCACAGCAAATGCATGCCTTTTCTGGATTGCAAAATACCTTAGA  
 GGAGCATCCTGAGACTTCACTCCCAAACAAGAAGTCTATGATGAATACAAGAGCTATTGTGACAATCTT  
 GGCTACCATCCATTAAGTGTCTGACTTTGGAAAAATCATGAAGAACGCTTTTCCAAACATGAAGGCAC  
 GCCGTTTGGGCACTAGAGGCAAATCTAAATATTGCTACAGTGGACTAAGGAAAAAGCTTTTGTTCATAT  
 GCCAACACTGCCAACCTTGACTTTCATAAACTGGAGATGGGTGGAAGGAGTTGAACCATCTGGGCAG  
 CTTCAAAATATTGATGAGGAAGTTATCTCTTCTGCTTCCGCTCTGTGTGTGAGTGGCCAGAAAGTGT  
 TAAGCCAGCCATTTGACACAGTCTTGGAAATAGCCCACTTCTTGTAAAGAGTCAATATATAGGCCACAA  
 GTCAATGGCAGCTCTGACTGTGATGGCAGCAGCACCAGCAGGACTTAAAGGAATTTCCAGCCTTCTGCT  
 TTTATACCTACAGCTGAAAGTAATTCCTTTCAACCTCAAGTAAAGACTTTGTCATCTCCAATTGATGCTA  
 AACAGCAGTTGCAACGAAAAATCAAAAAAGCAGCAAGAACAGAACTACAGTCCCAATTACCAGGAGA  
 ATCCTCAGCAAAAAAACAGAAGGCACTACAGCCAACGGAGTGGCTAATCTACCAATGGGAACCTGCG  
 ATCCTTTCTCCAGCCATTGGGATTGTGGTAGCAGTGTCCCTAGTCCCATTCCGGTCCAGCGGACGA  
 GGCAGTTAGTAACCTCACCCAGTCCGATGAATTCTTCTGATGGCAAGTTCTTCCCCTCAACGTGCAGGT  
 AGTCACTCAGCACATGCAGTCTGTGAAACAGACACCAAAGACTCCTCAGAACGTCAGCCAGTCCCTGGT  
 GGGACCGTTCTGCCAGGCACCCTACCCTCAGATCTTACCAAGCCAGCAAACACCAGTGCCTCACCA  
 TCCGCTCTCTACGACTGTGCTGTTACCAGCAGTCCCATCAAACTGCTGTGGTACCTCGGTACACAT  
 GAGTTCTCTAAATGTGGTAAAAATGACAACAATATCCCTCACACCCAGTAACAGTAATGCGCCTCTTAAA  
 CATTCTGCCTCCGTCAGCAATGCTACTGGAACAACAGAGGACTCCAGGAGCATCCCTCAGATCAAGAATG



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GTTCTGTTGTTTCTCTCCAGTCCCCTGGGTCCAGGGCCAGCAGCACTGGGGGAACCTCTGCTGTGGAAGT  
 CAAATGGAACCAGAAGTTTCATCAGATGAGCATCCTCTGCAGTGCCAAGAGAACGCTGAGGGGACTAAA  
 GCTCCTCTGGCCACATCTAGTGCCTTTGGGGACAGAAAAGTAATACAGATGGAACAGTATCAAAACCTT  
 CTAATGAAGGAGTCACAGAAGTAAAACTAAGGTCTGTGACCAGAGGGCCAAGTGTAAAAGTCGCTG  
 TAATGAACTCTGCCAGGCATCTCAGCAGGCAATAATCAAAGCACTGTTACTCTCAGTTGCTACTCAG  
 AACTTACCCTTACCAGCACCAGCTCACCATCTAATGGTGACTCAGTAAATAAGACCCTAAATTTATGCA  
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 TGTAGAACAGCTTTCTGCAGTTACTACCGAAGGTCAGAAAACAGGCACTGTTAAAAAGGACAAAAGGTT  
 CCACATTCAGGGAAAACAGAAAGCTCAACAGCAGGTGCTCAGCCTCCTAACAAAGTGTCACTCAGTGCA  
 GCTCACACATTGTAGAGGATCAGCCCTTGAACCTACTCTTGTGCCAGTGAATCAGCTCTGGAGCAGCA  
 GACAACGCCATCATCGTCTCCGGATGTAAGTAAAAGTAAAAGTGAAGGGAGTGTCTTTCTTTGGACCGTGAG  
 TCAAACCTCAGATGGCAGCTTTAATCGTAACGAATGGCAACAAGTACTAAGGATTCTGACTTCATATCTG  
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 GAATCTTCTGTAATGAAATACAAGCACAGTCTTCAGATCAGTTACCGTTGCAGTCGGAAGTGAAGAGT  
 TTGAGTCTTCTGTTTCCAGACAAATGAAAGCTACTTTCTTTTGTATGATGAACTTACACAAGATAGCAT  
 TGTGGAAGAGCTGGTGCTTATGGAGCAGCAGATGTCAATGAATAACTCCCATTCTTATGGTAACTGCTTG  
 GGAATGACCCCTCAGAGTCAGTCAGTAACTCCAGGAGCTCCAATGTCATCTCATGGTTCCAGCTCTCACT  
 TCTATCATCCAATCCATAGCAATGGCACTCCAATTCACACACCTACCCACACCCACTCCTACACCAAC  
 TCCGACCCCAACTCCAACCCCAACATCTGAAATGATTGCTGGGTCTCAGAGTCTGTCACGGGAGAGCCCT  
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 CTCCTCATTCTAATTGCAGCAGTAGCGTCCCTCCAAGCCCTGTTGAATGCAGGAATCCATTTGCATTAC  
 CCAATAAGCTCCAGTATGGCATATCAGATGCCAGCATTGTCTCAAGCAGTCTGTAAAACCAATGCAA  
 AGACCCATGGCCACTCACCTGATAAAAACAAGCTTGAATGGATGAATAATGGGTATGGTGGGTTGGTA  
 ACTCATCAGTTTCTGGTACGGCATTCTCCAAGCTATCAGGAAGTGTAGAAGATCGTTTCAGGAAACC  
 TCATGCTTTTGTGTGCCCGGACAGTCGTATCAGTCTCAGTCCAGACACCATGACACTCATTGTTGTCGT  
 TTGACTCCCGTCTCTCTGTGCAGCATCAAGGTGCCACTGTAACACCAACAAGCAAGAAGGTTTGCAG  
 TCCCCGCTCCTTGTATAATAAAGGAATAATTCTGCCAGCAGCAACTTCAGGTGCCGGAGTGAAG  
 CCCTGTGTCCATCGCCAACGGAATCTTAGTGAAGCACCCCTCTATCCTGTGTCTAATATCCACGGTCT  
 AATGTAACCCCTTTGGAAGTCCAGTGACCCAGAAGTTCATGTTTTACAAATGTTACACAGATGCAT  
 TGCCAAACAACATAGCTCAAAGAAGTCAGTCAGTTCATTAAACAGTCATGATGCAGACAGCCTTCCCTAA  
 TGCTCTGCAGAAGCAAACAACAGTAAAAAATCACTAATGTTTTGTTGAGTAAACTCGATTCTGACAAT  
 GATGATGCAGTGAGAGGTTTGGGAATGAACAACGTGCCCTCCAATTACACAGCCCGGATGAATCTCACT  
 AGATTTTGGAAACTTCCCCTGTTTTCTAGTGCCAATTCACAAAATATGATCGATTCCAGCACTTCTGT  
 TTATGAATTCAAACACCATCTTACCTACCAAAAAGTAATAGCACCGATCAGATCAGTTTTTCTCCTGGA  
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 GTGGAGACAACCTGCAAACAGCCAGCAGCTGGGAGGTCAGGTAGCATCTGATCTACCAACACTGCATC  
 TGATTTCCCTAGCGACATCAGGTTGTCTTCTGACCTCTCAGGCAGCATCAATGATTTGAACACCTTAGAC  
 CCAAATCTACTGTTTGTCCAGGTCGTCAGCAGGGACAGGATGATGAAGCCACTGGAAGAATTAAGA  
 ATGACCCACTGTTTCAACAGATTTGCAGTGAGTCAATGAACTCTATGACTTCATCAGTTTTGAAATGGAT  
 AGAAAGCAAGGACCATCCTACTGTTGAAATGTTGGGATGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_001127490  
**Insert Size:** 4380 bp

<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>NM_001127490.1, NP_001120962.1</u>
<b>RefSeq Size:</b>	7998 bp
<b>RefSeq ORF:</b>	4380 bp
<b>Locus ID:</b>	315804
<b>Cytogenetics:</b>	8q24