

## Product datasheet for **RG215255**

### **RFX3 (NM\_002919) Human Tagged ORF Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	RFX3 (NM_002919) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	RFX3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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**ORF Nucleotide Sequence:**

>RG215255 representing NM\_002919  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGCAGACATCAGAGACTGGGTCGGACACAGGCTCGACAGTGACCTTACAAACATCTGTGGCTAGTCAAG  
 CAGCAGTGCCCTACGCAGGTGGTACAGCAAGTACCAGTACAACAACAGGTACAGCAGGTACAGACTGTGCA  
 GCAGGTACAACATGTCTATCCCCGCTCAGGTGCAGTATGTGGAAGGAAGCGATACTGTCTATACCAATGGA  
 GCAATCCGAACAACAACGTATCCTTACACAGAGACACAGATGTACAGCCAAAATACTGGAGGGAATTACT  
 TTGATACTCAAGGGAGTTCGCCAGGTGACTACCGTGGTCTCATCCACAGTATGGTGGGCACTGGTGG  
 GATTGAGATGGGCGTCACAGGAGGACAACCTCATCAGCAGCTCTGGAGGAACCTATCTGATCGGCAACTCA  
 ATGGAGAATTCTGGTCACTCAGTGACACACACAACCTCGGGCTCCCCAGCGACAATTGAAATGGCGATTG  
 AGACGCTGCAAAAGTCTGACGGTCTGTCCACTCACAGAAGCTCTTTCTCAACAGCCATCTCCAGTGGCT  
 GTTGGACAATTATGAGACAGCAGAAGGAGTGAGCCTTCCAGAAGCACTGTACAACCACTACCTTCGA  
 CACTGTACAGGAACACAACTGGACCCAGTCAATGCTGCCTCTTTTGGAAAATTAATAAGATCAATTTTTA  
 TGGGGCTACGAACCAGGAGATTGGGCACTAGAGGAAACTCCAAATACCACTACTATGGGATTCGTGTCAA  
 GCCAGATTCCTCTTAATCGTCTGCAAGAAGACATGCAGTATATGGCTATGAGACAACAACCCATGCAA  
 CAGAAACAAGGTACAAGCCTATGCAGAAAGTGGATGGGGTTCAGATGGTTTCACAGGAAGTGGTCAAC  
 AGACAGGCACATCTGTTGAGCAAAGTGAATGGCCAAAGCCAACATCATCAACAGTTTTTATAGATGCATC  
 TCGAGCACTTCCAGAGTTTGGAGAAGTTGAAATCTTTCTGCCAGATGGTACTACCTTTGAGGATATC  
 AAGTCACTGCAGAGTCTTTATAGAGAGCACTGTGAGGCAATATTGGACGTTGTTGTGAATCTTCAATTTA  
 GCCTGATAGAAAAATTGGGCAACATTCTGGCGCTATTCTCCCTCTACTCCAAGTGGCACTACCAT  
 TACCGAATCGAGCAATCTGAGTGAAATAGAAAGTTCGACTTCCGAAAGCAAAGCTGATAACTCTGTGCAAA  
 CATGAGTCTATCCTGAAATGGATGTGTAAGTGTGACCATGGGATGTACCAGGCTTTGGTGGAGATTCTCA  
 TCCCCGACGTCCTTAGACCTATTCTAGTGCCTTGACCCAAGCCATTGCAAAATTTGCAAAAAGCCTTGA  
 AGGTTGGCTTTCCAATGCCATGAACAATATCCACAGAGAATGATACAAACCAAGGTTGCCGCTGTAAGT  
 GCCTTTGCCAGACTCTGCGAAGATACACGTCGCTTAATCACCTGGCCAGGCAGCTCGTGCAGTGCTTC  
 AGAACACTTCCAAATCAACCAGATGCTTAGTGACCTCAACCGTGTGACTTTGCCAATGTCCAGGAGCA  
 GGCTTCTGGGTGTGCCAGTGTGATGACAACATGGTTCAGAGACTAGAAACAGACTTCAAGATGACTCTT  
 CAGCAGCAGAGCACCCCTGGAGCAGTGGGCTGCGTGGCTTGACAATGTGATGATGCAAGCACTGAAACCT  
 ATGAAGGAAGACCCAGTTTTCTAAAGCCGCCAGGCAGTTTCTGCTAAAAATGGTCTTTCTACAGCTCAAT  
 GGTATTTCGGGACTTAACCTTACGCAGTGTGCTAGCTTTGGCTCCTCCACCTGATCCGCTACTCTAC  
 GACGAATATATGTTTTACTTAGTAGAACATCGTGTGCTCAGGCAACAGGAGAGACTCCTATAGCAGTCA  
 TGGGCGAGGTAAGAGAGGCTGAAAGAGCTGTGACCCACTGGGTTATTAATAAAGCCAGAATTACACTT  
 CAGTCTAAATACATTATTGATTAACCATGGTTCCTAACCAAGTCAGCCTCAGAGCCAGGAGGGACTGT  
 GGAGTTATTGCAAGATTCTCT

**ACGCGT**ACGCGGCCGCTCGAG - GFP Tag - GTTTAA



**Reconstitution Method:**

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:** [NM\\_002919.4](#)

**RefSeq Size:** 3275 bp

**RefSeq ORF:** 2124 bp

**Locus ID:** 5991

**UniProt ID:** [P48380](#)

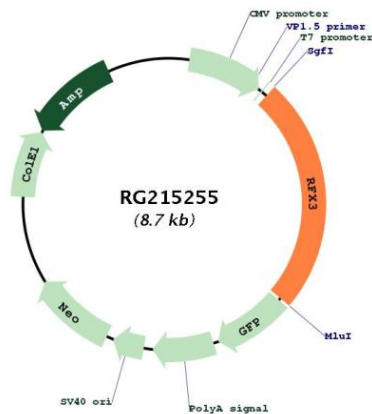
**Cytogenetics:** 9p24.2

**Domains:** RFX\_DNA\_binding, RFX1\_trans\_act

**Protein Families:** Transcription Factors

**Gene Summary:** This gene is a member of the regulatory factor X gene family, which encodes transcription factors that contain a highly-conserved winged helix DNA binding domain. The protein encoded by this gene is structurally related to regulatory factors X1, X2, X4, and X5. It is a transcriptional activator that can bind DNA as a monomer or as a heterodimer with other RFX family members. Multiple transcript variants encoding different isoforms have been described for this gene. [provided by RefSeq, Aug 2013]

**Product images:**



Circular map for RG215255