

## Product datasheet for **RG201137**

### **RFX3 (NM\_134428) Human Tagged ORF Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	RFX3 (NM_134428) 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:

>RG201137 representing NM\_134428  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTGACTGGATCCGGTACCGAGGAGATCTGCC  
GCCGCGATCGCC

ATGCAGACATCAGAGACTGGGTCGGACACAGGCTCGACAGTGACCTTACAAACATCTGTGGCTAGTCAAG  
CAGCAGTGCCTACGCAGGTGGTACAGCAAGTACCAGTACAACAACAGGTACAGCAGGTACAGACTGTGCA  
GCAGGTACAACATGTCTATCCCCTCAGGTGCAGTATGTGGAAGGAAGCGATACTGTCTATACCAATGGA  
GCAATCCGAACAACAACGTATCCTTACACAGAGACACAGATGTACAGCCAAAATACTGGAGGGAATTACT  
TTGATACTCAAGGGAGTTCGCCCAGGTGACTACCGTGGTCTCATCCACAGTATGGTGGCAGTGGTGG  
GATTGAGTGGGCGTCACAGGAGGACAACCTCATCAGCAGCTCTGGAGGAACCTATCTGATCGGCAACTCA  
ATGGAGAATTCTGGTCACTCAGTGACACACACAACCTCGGGCTCCCGAGCGACAATTGAAATGGCGATTG  
AGACGCTGCAAAAGTCTGACGGTCTGTCCACTCACAGAAGCTCTTTCTCAACAGCCATCTCCAGTGGCT  
GTTGGACAATTATGAGACAGCAGAAGGAGTGAGCCTTCCAGAAGCACTGTACAACCACTACCTTCGA  
CACTGTACAGGAACACAACTGGACCCAGTCAATGCTGCCTCTTTGGAAAATTAATAAGTCAATTTTTA  
TGGGGCTACGAACCAGGAGATTGGGCACTAGAGGAAACTCCAAATACCACTACTATGGGATTCTGTGCA  
GCCAGATCCCCTCTTAATCGTCTGCAAGAAGACATGCAGTATATGGCTATGAGACAACAACCCATGCA  
CAGAAACAAGGTACAAGCCTATGCAGAAAGTGGATGGGGTTGCAGATGGTTTCACAGGAAGTGGTCAAC  
AGACAGGCACATCTGTTGAGCAAACCTGTAATGCCCAAAGCCAACATCATCAACAGTTTTTATAGTGCATC  
TCGAGCACTTCCAGAGTTTGGAGAAGTTGAAATCTTTCTGCCAGATGGTACTACCTTGGAGGATATC  
AAGTCACTGCAGAGTCTTTATAGAGAGCACTGTGAGGCAATATTGGACGTTGTTGTGAATCTTCAATTTA  
GCCTGATAGAAAAATTGGGCAACATTTGGCGCTATTCTCCCTACTCCAACCTGATGGCACTACCAT  
TACCGAATCGAGCAATCTGAGTGAATAGAAAGTCGACTTCCGAAAGCAAAGCTGATAAATCTGTGCAAA  
CATGAGTCTATCCTGAAATGGATGTGTAACCTGTGACCATGGGATGTACCAGGCTTTGGTGGAGATTCTCA  
TCCCCGACGTCCTTAGACCTATTCTAGTGCCTTGACCCAAGCCATTGCAAAATTTGCAAAAAGCCTTGA  
AGGTTGGCTTTCCAATGCCATGAACAATATCCACAGAGAATGATACAAACCAAGGTTGCCGCTGTAAGT  
GCCTTTGCCAGACTCTGCGAAGATACACGTCGCTTAATCACCTGGCCAGGCAGCTCGTGCAGTGTCTC  
AGAACACTTCCCAATCAACCAGATGCTTAGTGACCTCAACCGTGTGACTTTGCCAATGTCCAGGAGCA  
GGCTTCTGGGTGTGCCAGTGTGATGACAACATGGTTCAGAGACTAGAAACAGACTTCAAGATGACTCTT  
CAGCAGCAGAGCACCCCTGGAGCAGTGGGCTGCGTGGCTTGACAATGTGATGATGCAAGCACTGAAACCT  
ATGAAGGAAGACCCAGTTTTCTAAAGCCGCCAGGCAGTTTCTGCTAAAAATGGTCTTTCTACAGCTCAAT  
GGTTATTCGGGACTTAACCTTACGCAGTGTGCTAGCTTTGGCTCCTTCCACCTGATCCGCTACTCTAC  
GACGAATATATGTTTTACTTAGTAGAACATCGTGTGCTCAGGCAACAGGAGAGACTCCTATAGCAGTCA  
TGGGCGAGTTTGGTGATTTAAATGCCGTGTCTCTGGAAATCTGGATAAAGATGAAGGCAGTGAAGTAGA  
AAGTGAATGGATGAAGAACTGGATGACTCTTCAGAGCCTCAAGCCAAAAGAGAGAAAACAGAGCTGAGC  
CAGGCATTTCCAGTGGGCTGCATGCAGCCTGTTCTCGAGACTGGCGTGCAACCAAGCCTCCTGAATCCAA  
TTCACAGCGAGCACATTTGCACAAGTACTCAGACTATCAGACAGTGCAGCGCTACAGGAAATACCTACAC  
TGCAGTC

ACGCGTACGCGGCCGCTCGAG - 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\\_134428.3](#)

**RefSeq Size:** 3018 bp

**RefSeq ORF:** 2250 bp

**Locus ID:** 5991

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

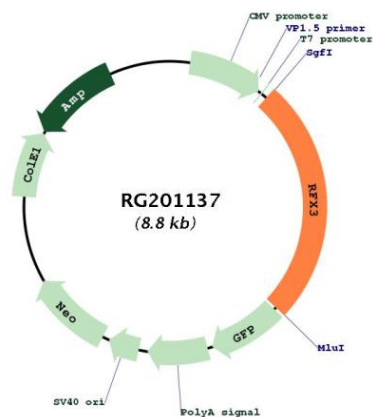
**Cytogenetics:** 9p24.2

**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 RG201137