

Product datasheet for **SC337366**

RFX3 (NM_001282116) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	RFX3 (NM_001282116) Human Untagged Clone
Tag:	Tag Free
Symbol:	RFX3
Vector:	<u>pCMV6 series</u>



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Fully Sequenced ORF: >NCBI ORF sequence for NM_001282116, the custom clone sequence may differ by one or more nucleotides

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ATGCAGACATCAGAGACTGGGTCGGACACAGGCTCGACAGTGACCTTACAAACATCTGTGGCTAGTCAAG
CAGCAGTGCCTACGCAGGTGGTACAGCAAGTACCAGTACAACAACAGGTACAGCAGGTACAGACTGTGCA
GCAGGTACAACATGTCTATCCCGCTCAGGTGCAGTATGTGAAGGAAGCGATACTGTCTATACCAATGGA
GCAATCCGAACAACAACGTATCCTTACACAGAGACACAGATGTACAGCCAAAATACTGGAGGGAATTACT
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GATTTCAGATGGGCGTCACAGGAGGACAACCTCATCAGCAGCTCTGGAGGAACCTATCTGATCGGCAACTCA
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GTTGGACAATTATGAGACAGCAGAAGGAGTGAGCCTTCCAGAAGCACTGTACAACCACTACCTTCGA
CACTGTCAGGAACACAACCTGGACCCAGTCAATGCTGCCTTTTTGGAAAATTAATAAGATCAATTTTTTA
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GCCAGATTCCTCTTAATCGTCTGCAAGAAGACATGCAGTATATGGCTATGAGACAACAACCCATGCAA
CAGAAAACAAGGTACAAGCCTATGCAGAAAGTGGATGGGGTTGCAGATGGTTTCAGGAAAGTGGTCAAC
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GCCTGATAGAAAAATTGTGGCAAACATTCTGGCGCTATTCTCCCTCTACTCCAAGTATGGCACTACCAT
TACCGAATCGAGCAATCTGAGTGAATAGAAAGTCGACTTCCGAAAGCAAAGCTGATAACTCTGTGCAAA
CATGAGTCTATCCTGAAATGGATGTGTAACCTGTGACCATGGGATGTACCAGGCTTTGGTGGAGATTCTCA
TCCCCGACGTCCTTAGACCTATTCTAGTGCCTTGACCCAAGCCATTGCAAAATTTGCAAAAAGCCTTGA
AGGTTGGCTTTCCAATGCCATGAACAATATTCCACAGAGAATGATACAAACCAAGTTGCCGCTGTAAGT
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AGAACACTTCCAAATCAACCAGATGCTTAGTGACCTCAACCGTGTGACTTTGCCAATGTCCAGGAGCA
GGCTTCTGGGTGTGCCAGTGTGATGACAACATGGTTCAGAGACTAGAAACAGACTTCAAGATGACTCTT
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GGTTATTCGGGACTTAACCTTACGCAGTCTGCTAGCTTTGGCTCCTTCCACTGATCCGCTACTCTAC
GACGAATATATGTTTACTTAGTGAACATCGTGTGCTCAGGCAACAGGAGAGACTCCTATAGCAGTCA
TGGGCGAGTTTGGTGATTTAAATGCCGTGTCTCCTGGAATCTGGATAAAGATGAAGGCAGTGAAGTAGA
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CAGGCAATTTCCAGTGGGCTGCATGCAGCCTGTTCTCGAGACTGGCGTGCAACCAAGCCTCCTGAATCCAA
TTCACAGCGAGCACATTGTCACAAGTACTCAGACTATCAGACAGTGCAGCGCTACAGGAAATACCTACAC
TGCAGTCTAA
    
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Restriction Sites: SgfI-MluI

ACCN: NM_001282116

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:

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_001282116.1](#), [NP_001269045.1](#)

RefSeq Size: 9271 bp

RefSeq ORF: 2250 bp

Locus ID: 5991

UniProt ID: [P48380](#)

Cytogenetics: 9p24.2

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]

Transcript Variant: This variant (3) differs in the 5' UTR compared to variant 2. Both variants 2 and 3 encode the same isoform (b). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.