

Product datasheet for **SC308663**

RFX4 (NM_213594) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	RFX4 (NM_213594) Human Untagged Clone
Tag:	Tag Free
Symbol:	RFX4
Synonyms:	NYD-SP10
Vector:	<u>pCMV6 series</u>



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Fully Sequenced ORF: >NCBI ORF sequence for NM_213594, the custom clone sequence may differ by one or more nucleotides

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ATGCATTGTGGGTTACTGGAGGAACCCGACATGGATTCCACAGAGAGCTGGATTGAAAGA
TGTCTCAACGAAAGTGAAAAACAAACGTTATTCCAGCCACACATCTCTGGGGAATGTTTCT
AATGATGAAAATGAGGAAAAAGAAAATAATAGAGCATCCAAGCCCCACTCCACTCCTGCT
ACTCTGCAATGGCTGGAGGAACTATGAGATTGCAGAGGGGGTCTGCATCCCTCGCAGT
GCCCTCTATATGCATTACCTGGATTTCTGCGAGAAGAATGATACCCAACCTGTCAATGCT
GCCAGCTTTGAAAGATCATAAGGCAGCAGTTTCTCAGTTAACCACAGAAGACTCGGG
ACCCGAGGACAGTCAAAGTACCATTACTATGGCATTGCAGTGAAAGAAAGCTCCCAATAT
TATGATGTGATGTATTCCAAGAAAGGAGCTGCCTGGGTGAGTGAGACGGGCAAGAAAGAA
GTGAGCAAACAGACAGTGGCATAATTCACCCCGTCCAACTCGGAACACTGCTGCCAGAA
TTTCCCAATGTCAAAGATCTAAATCTGCCAGCCAGCCTGCCTGAGGAGAAGGTTTCTACC
TTTATTATGATGTACAGAACACACTGTCAGAGAATACTGGACACTGTAATAAGAGCCAAC
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CCTGTGCTGGGCTCCTCCACGGTGGTGAACATTGTCGGCGTGTGTGACTCCATCCTCTAC
AAAGCTATCTCCGGGGTCTGATGCCACTGTGCTGCAGGCATTACCTGACAGCTTAACT
CAGGTGATTGCAAAGTTTGCCAAGCAACTGGATGAGTGGCTAAAAGTGGCTCTCCACGAC
CTCCAGAAAACCTGCGAAACATCAAGTTCGAATTGTCGAGAAGGTTCTCCCAAATTCTG
AGACGGCAAACATCACTAAATCATCTCTGCCAGGCATCTCGAACAGTGATCCACAGTGCA
GACATCACGTTCCAAATGCTGGAAGACTGGAGGAACGTGGACCTGAACAGCATCACCAAG
CAAACCTTTACACCATGGAAGACTCTCGCGATGAGCACCGGAAACTCATCACCAATTA
TATCAGGAGTTTGACCATCTCTTGGAGGAGCAGTCTCCCATCGAGTCTACATTGAGTGG
CTGGATACCATGGTTGACCGCTGTGTTGTGAAGGTGGCTGCCAAGAGACAAGGGTCTTTG
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GACATGACCTTGACAGCGCCCCAGCTTCGGGTCTTTTACCTAATTCATTAATGTTT
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ATGCGAGCCATGAAGGGAGAAGGAAGCACTGCAGAAGTCCGAGAAGAGATCATCTTGACA
GAGGCTGCCGCACCAACCCCTTACCAGTGCCATCGTTTTCTCCAGCAAATCTGCCACA
TCTGTGGAAGTGCCACCTCCCTTCCCTGTTAGCAATCCTTCCCTGAGTACACTGGC
CTCAGCACTACAGGAGCAATGCAGTCTTACACGTGGTCTTAACATACACAGTGACGACG
GCTGCTGGTCCCGAGCTGAGAACTCCCAACAGCTGCCCTGTATGAGGAACACTCATGTG
CCTTCTTCTCCGTACACACAGGATACCAAGTTTATCCCCACAGAGGGAACATGGATAC
ACGGGAAGCTATAACTATGGGAGCTATGGCAACCAGCATCCTCACCCATGCAGAGCCAG
TATCCGGCCCTCCCTCATGACACAGCTATCTCTGGGCCACTCCACTATGCCCTTACCAC
AGGAGCTCTGCACAGTACCCTTTAATAGCCCCACTTCCCGGATGGAACCTTGTTTGATG
AGCAGTACTCCAGACTGCATCTACCCAGTCACTCCCGCTGGCCAGAGGTGCCCTCA
GCCAACACGTGTACACAAGCCCGTCTGTGCATTCTGCGAGGTACGGAAACTCTAGTGAC
ATGTATACACCTTGACAACGCGCAGGAATTCTGAATATGAGCACATGCAACACTTCTCT
GGCTTTGCTTACATCAACGGAGAGGCCTCTACAGGATGGGCTAAATGA

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Restriction Sites: Please inquire

ACCN: NM_213594

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).

OTI Annotation: This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

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_213594.1</u> , <u>NP_998759.1</u>
RefSeq Size:	3623 bp
RefSeq ORF:	2208 bp
Locus ID:	5992
UniProt ID:	<u>Q33E94</u>
Cytogenetics:	12q23.3
Protein Families:	Transcription Factors
Gene Summary:	<p>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, X3, and X5. It has been shown to interact with itself as well as with regulatory factors X2 and X3, but it does not interact with regulatory factor X1. Alternative splicing results in multiple transcript variants. [provided by RefSeq, May 2011]</p> <p>Transcript Variant: This variant (3, also known as RFX4_v3) represents the longest transcript and encodes isoform c, also known as RFX4-D.</p>