

Product datasheet for **SC215218**

RFX5 (NM_001025603) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	RFX5 (NM_001025603) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	RFX5
ACCN:	NM_001025603
Insert Size:	1576 bp



[View online »](#)

Insert Sequence:	<p>>SC215218 3'UTR clone of NM_001025603 The sequence shown below is from the reference sequence of NM_001025603. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site</p> <pre>GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC CATAAAGACCCAAAAGCAACACCCCAATGATACAGGCTGTGGGAAGAGTGTATATCCCTACGTTA ACTTTGCCTAGTAGAGGCCCTTCTTTGCACTTGCTTCTCATTGGCTATTCTTTTCTAAGGAAGTCCA TTCTCCTCTGTACAGACAGCTGAGTCACCCAGTCTACTTAGTACCTGGTGTGCCTCTGACCTTTTCA GCTTGATACCCTGGGCTTTAGTGAACCAATAAATCTGTAGTGACCTTACCTGTATTCCCTGTGCTATC CTGTGGGAAGGTAGGAATGGGCTAAGTATGATGAATATATAGGTTAGGGATCTTTTGGTTTTAAATCAC AGAAAACCTAATTCAAAGTGGCTAAAAATAAAAGGATTTATTGGTTCATGAACTAGAAAGTCCATAG GTAGTGCTGGCTCCAGGTGAAGACTTGACCCAGTAGTTCAGTATGTCTCTAAATACCGGACTGACTTTT TTCTCACTGTTGCATCTTCTGTAGGACATTTAAGTCTGGCCACTTAATGGCTGCCAGCATTCTAAG ATTACACTTTTCCCATTATGTCCAATCAGAAAAGAAGGCATCTTTGTACCAGAAATCTCAGCAAAA GCCCTAATATTCACACTGATTAGGCCTGGGTACATGTCCACCCTGACCAATCACTGTGGCCAGGAGGA TGATACATGCTAATTTGCTTATTCTATATCATGGACAACACCTTTGGGAAAAGGGTGGGGGTGACGCT CCCCAAAATCACATGGATTCCCCAAGTGGAAAAGTGGGAGCAGGGAGTTGCTTGGGTGGCCGCTAACACC AGGCTACTCTTATTTTAGCTTGTAAGTTGAGATCAGCTAGACCTGCTTTCTTTTCTCCTCAGTCTTGC ATTTCCCTCAATACAAGCTGTAGCCTCTTCTCGTTTCTAGTCTCAGAAGGAAGGAGAGGGAAGCCAT TCTCCTCTAGGGACTCTTCAGTCTCATTAGATGATAGTCCCTTTTTTTTCTACCTCCATATTAGAGATG GAGTCCTTCTTTTCTGTTTCTTAATTTTTGTCTTCTCATTCTCCTCCCTCACCTATTGGCA GTTCCACCAACTAGAGTGAAAGACTTCCAGCCATTTTCATTAATCTATTCTGTATCCACCAGGTGGCA GCATCTTGTCATACGTGTGAGGACTTAGGACTGCGGGTTTAGGTTAGATGTACGGAAAAAGCTAGTT CTGTGGTCAGGCGGCACCAATGAGAAAAGGAATGCAGACCCTCCAGATGTATCCTTGGGAAAAGCAGTAA ACCAACTAATATTTATTGAAGACCTACTTTGCTCTACATAGGGTAGCTTCTGTGAGGGAATCTTGGT TCTTCCCAAGAAACACTGATTTTCTTTCAGGGAGACTTCATGTGTTTATTATTTCCACCACAGCAGAT TTTAAGAAATTATAATATGTAATATTTGATATCTATAAAGAGTATATCTAACGTGAATAAATTATGAAG CATACTAATGAGTACCTATGACCATAACACATATACATTAACATTTTAAATACCA ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG</pre>
Restriction Sites:	Sgfl-MluI
OTI Disclaimer:	Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).
Components:	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
RefSeq:	NM_001025603.2

Summary:

A lack of MHC-II expression results in a severe immunodeficiency syndrome called MHC-II deficiency, or the bare lymphocyte syndrome (BLS; MIM 209920). At least 4 complementation groups have been identified in B-cell lines established from patients with BLS. The molecular defects in complementation groups B, C, and D all lead to a deficiency in RFX, a nuclear protein complex that binds to the X box of MHC-II promoters. The lack of RFX binding activity in complementation group C results from mutations in the RFX5 gene encoding the 75-kD subunit of RFX (Steimle et al., 1995). RFX5 is the fifth member of the growing family of DNA-binding proteins sharing a novel and highly characteristic DNA-binding domain called the RFX motif. Multiple alternatively spliced transcript variants have been found but the full-length natures of only two have been determined. [provided by RefSeq, Jul 2008]

Locus ID:

5993

MW:

59