

## Product datasheet for SC208721

### RFXDC1 (RFX6) (NM\_173560) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	RFXDC1 (RFX6) (NM_173560) Human 3' UTR Clone
Symbol:	RFXDC1
Synonyms:	dj955L16.1; MTCHRS; MTF5; RFXDC1
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_173560
Insert Size:	685 bp
Insert Sequence:	>SC208721 3'UTR clone of NM_173560 The sequence shown below is from the reference sequence of NM_173560. The complete sequence of this clone may contain minor differences, such as SNPs. <b>Blue</b> =Stop Codon <b>Red</b> =Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
TTCATGGGAACAGCAGCTGGAGGCACTTAACCACCAATGTGGGAGGGGTGCTAAAACTTTAAAAAAA
ATCTCTACTGTGCAAATATCATTATTCAGTCCAGACTTCCATAAGAGTAAATAAAAAATGAATATGCAGTG
GCTGACATTGTTTTAAAGTCACTGGTACTATGGACAACCCATAGTGAATGGAGATACTTGCAGAGCTT
GTCATGCACACTAAGAGTTTTAAATGTGAGCTCATTATTAATCATAGTTTCAAATTTATCAAATAAAC
CAGTGAAGATCTGAAGATGCAAACATTTCAACTATGAAGATTTACATTTCACTTTCTAATTTATTAAC
ATCTGTGTGCCTTTTTATCTTTGGTTTCTTTAAAAAGTATATTTAATGCCTTTACAATACCTTTAATT
TATTAGGATCTCAGAATCATTGTTTACTATCCCTTATTTGACAAAAAGTCAAATGTGTATGTTCTACCT
CCAACGGAAATGTTTACAAGGTCAAGACTTAATTCAATTCAGACAAGACCAAAAGTTGCTTGACTTCAAT
TCCTGTGCATTAGTGTGATGATTCTGTACATAGCAGCATTCCGATTCTATGTAAGTGAATGGAGATG
ATAAGTGCTTTCCCTCTTTATTTAAAAAAGATTTAAAGGAATAAAAGAAATAATGTATGGAAA
ACGCGTAAGCGGCCGCGCATCTAGATTGGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
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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).



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<b>Components:</b>	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.
<b>RefSeq:</b>	<u><a href="#">NM_173560.4</a></u>
<b>Summary:</b>	The nuclear protein encoded by this gene is a member of the regulatory factor X (RFX) family of transcription factors. Studies in mice suggest that this gene is specifically required for the differentiation of islet cells for the production of insulin, but not for the differentiation of pancreatic polypeptide-producing cells. It regulates the transcription factors involved in beta-cell maturation and function, thus, restricting the expression of the beta-cell differentiation and specification genes. Mutations in this gene are associated with Mitchell-Riley syndrome, which is characterized by neonatal diabetes with pancreatic hypoplasia, duodenal and jejunal atresia, and gall bladder agenesis.[provided by RefSeq, Sep 2010]
<b>Locus ID:</b>	222546
<b>MW:</b>	26