

## Product datasheet for **SC216107**

### TCF7L2 (NM\_030756) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	TCF7L2 (NM_030756) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	TCF7L2
Synonyms:	TCF-4; TCF4
ACCN:	NM_030756
Insert Size:	1736 bp



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**Insert Sequence:** >SC216107 3'UTR clone of NM\_030756  
The sequence shown below is from the reference sequence of NM\_030756. The complete sequence of this clone may contain minor differences, such as SNPs.  
Blue=Stop Codon Red=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
CTGTGCGCTCGTCACCAAGTCTTTAGAAAGCTTTAGCGTGTGAACCCCGCTGCTTTGTTTTATGTTTT
GTTTCACTTTTCTTAATTTGCCCCACCCACCTTGAAAGTTTTGTTTTGACTCTCTTAATTTTG
TGCCATGTGGCTACATTAGTTGATGTTTATCGAGTTCATTGGTCAATATTTGACCCATTCTTATTTCAA
TTTCTCTTTTAAATATGTAGATGAGAGAAGAACCTCATGATTCTACAAAATTTTATCAACAGCTGT
TAAAGTCTTTGTAGCGTTTAAAAATATATATATACATAACTGTTATGTAGTTCGGATAGCTTAGT
TTTAAAGACTGATTAACAAAAGAAAAAAGCAATTTTGAAGCAGCCCTCCAGAAGGAGTTG
GTTCTGTATTATTGTATTAATACGAGCTTGCGAACCAATCATTTTACATCTGGTTTTTAAACCGTAA
GGGCACCATGAATGCAGTGCCGTTACTTTTTTTTTTTTTTCTGTGTGAAACAACCTTATTGTGATGT
TACTTGTTATTGTTTAAATGTACAGAAACAAGGGTAAAAATGTGTTAATATACCTGTTCCATGGTGT
TGTCTTTTTGGGGGAGGGGACGCTACTCAACTTAATAGAATCACAACGCTGTTGGGCCAGTAGTAT
TTATTGCTTTAGAGATTGCTTGTGCTACCTGTATGTCGTCCTTTTTAAATATGTTTTCTTTTTCTTG
AACTGTATAAAGTTTTTTCCCTTAGCATAAGCATCTTATATATAACAACCTCATTTGTACAAGTT
TTAAAGTTTATATAAAATGTGTATATATTTTTGTTCCCTTTTTGACTTTTTTTTTCTGTATG
AAACCCAGATGTCACCAATGGACATTAATAGTTGCATTAAGGATCAGTAGCATTAAACAAAAGTTGCTT
TAAAGCCATTATGTAACAAGACTTGAAAATGAGTGAGGAATTTAGCGACTGTCTGAGCAGCA
GTGGGAACCATCTTCGTTTCCCTTTGAACTCCAGTGGGATGCCCTACCCTGCGCCCTTAGGACCCGG
ACTGACCGTGTACAAAACCTTACGTGCCAAAATCTCAGTGAATTTAGCTTTCTCCCTCTTTTTGATGC
TGTAATTTTTGTTTCATCATGTTTTGCTGTGATGTTACATAGGTAGATTTGTATGTAGTTTAAATGCAC
CTATAACAAAATGTGTTGGTAGCAGATTGTCCAGAAAGCATTTTAAATGAAGAGGTATAAACCTTAA
GGGCCAAAATTCTGTATATTAGATTACTCTTAAACGAAAAACCAGCTGCCGCTTTTATGTACACATATT
ACATACGAGTAGGCAGCAGACTTAAAAATAAAAAAACCTAGGCATGTTGATGTTGCAAAATGCTGTA
TAAAGCTGAAACCTGTTTCATTTCAGTGCCATTGTAGTTGACATGAAGCGATTGTAACCTGCTCCGATT
TTTCTCTGTTTTATTAATGCTAACTATAACATTTTTGTGAATACTTTGAATGTTTCTAACAGTTG
TGATGTTACTGTTCCGTTTTATGCTCTTATTCCAAGTTCAATTTTAAATGTTTGAAGCCATTTTGTGTA
ATGAATAAATGTTTCATGCTGTACAGTATCTGTAGCATGCCGTTCTGGATTAATAAAGCAACTTAGTAT
GTGCAGATAAA
ACGCGTAAGCGGCCGCGCATCTAGATTCAAGAAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
```

**Restriction Sites:** SgfI-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\\_030756.5](#)

**Summary:** This gene encodes a high mobility group (HMG) box-containing transcription factor that plays a key role in the Wnt signaling pathway. The protein has been implicated in blood glucose homeostasis. Genetic variants of this gene are associated with increased risk of type 2 diabetes. Several transcript variants encoding multiple different isoforms have been found for this gene.[provided by RefSeq, Oct 2010]

**Locus ID:** 6934

**MW:** 67.3