

## Product datasheet for **SC216108**

### TCF7L2 (NM\_001146274) Human 3' UTR Clone

#### Product data:

|               |  |
|---------------|--|
| Product Type: | 3' UTR Clones                            |
| Product Name: | TCF7L2 (NM_001146274) Human 3' UTR Clone |
| Vector:       | pMirTarget (PS100062)                    |
| Symbol:       | TCF7L2                                   |
| Synonyms:     | TCF-4; TCF4                              |
| ACCN:         | NM_001146274                             |
| Insert Size:  | 1736 bp                                  |



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|                           |   |
|---------------------------|---|
| <b>Insert Sequence:</b>   | <p>&gt;SC216108 3'UTR clone of NM_001146274<br/>The sequence shown below is from the reference sequence of NM_001146274. The complete sequence of this clone may contain minor differences, such as SNPs.<br/>Blue=Stop Codon Red=Cloning site</p> <pre>GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC CTGTCGCTCGTCACCAAGTCTTTAGAAAGCTTTAGCGTGTGAACCCCGCTGCTTTGTTTATGGTTTT GTTTCACTTTTCTTAATTTGCCCCACCCACCTTGAAAGTTTTGTTTGTACTCTCTTAATTTTG TGCCATGTGGCTACATTAGTTGATGTTTATCGAGTTCATTGGTCAATATTTGACCCATTCTTATTTCAA TTTCTCTTTTAAATATGTAGATGAGAGAAGAACCTCATGATTCTACAAAATTTTATCAACAGCTGT TAAAGTCTTTGTAGCGTTTAAAAATATATATATACATAACTGTTATGTAGTTCGGATAGCTTAGT TTTAAAGACTGATTAACAAAAGAAAAAAGCAATTTTGAAGCAGCCCTCCAGAAGGAGTTG GTTCTGTATTATTGTATTAATACGAGCTTGCGAACCAATCATTTTACATCTGGTTTTTAAACCGTAA GGGCACCATGAATGCAGTGCCGTTACTTTTTTTTTTTTTTCTGTGTGAAACAACCTTATTGTGATGT TACTTGTATTGTTTAAATGTACAGAAACAAGGGTAAAAATGTGTTAATATACCTGTTCCATGGTGT TGTCTTTTTGGGGGAGGGGACGCTACTCAACTTAATAGAATCACAACGCTGTTGGGCCAGTAGTAT TTATTGCTTTAGAGATTGCTTGTGCTACCTGTATGTCGTCCTTTTTAAATATGTTTTCTTTTTCTTG AACTGTATAAAGTTTTTTCCCTTAGCATAAGCATCTTATATATAACAACCTCATTTGTACAAGTT TTAAGTTTATATAAAATGTGTATATATTTTTGTTCCCTTTTTGACTTTTTTTTTCTGTATG AAACCCAGATGTCACCAATGGACATTAATAGTTGCATTAAGGATCAGTAGCATTAAACAAAAGTTGCTT TAAAGCCATTATGTAACAAGACTTGAAAATGAGTGAGGAATTTTAGCGACTGTCTGAGCAGCA GTGGGAACCATCTTCGTTTCCCTTTGAACTCCAGTGGGATGCCCTACCCTGCGCCCTTAGGACCCGG ACTGACCGTGTACAAAACCTTACGTGCCAAAATCTCAGTGAATTTAGCTTTCTCCCTCTTTTTGATGC TGTAATTTTTGTTTCATCATGTTTTGCTGTGATGTTACATAGGTAGATTTGTATGTAGTTTAAATGCAC CTATAACAAAATGTGTTTGGTAGCAGATTGTCCAGAAAGCATTTTAAATGAAGAGGTATAAACCTTAA GGGCCAAAATTCTGTATATTAGATTACTCTTAAACGAAAAACCAGCTGCCGCTTTTATGTACACATATT ACATACGAGTAGGCAGCAGACTTAAAAATAAAAAAACCTAGGCATGTTGATGTTGCAAAATGCTGTA TAAAGCTGAAACCTGTTTCATTTCAGTGCCATTGTAGTTGACATGAAGCGATTGTAACCTGCTCCGATT TTTCTCTGTTTTATTAATGCTAACTATAACATTTTTGTGAATACTTTGAATGTTTCTAACAGTTG TGATGTTACTGTTCCGTTTTATGCTCTTATTCCAAGTTCAATTTTAAATGTTTGAAGCCATTTTGTGTA ATGAATAAATGTTTCATGCTGTACAGTATCTGTAGCATGCCGTTCTGGATTAATAAAGCAACTTAGTAT GTGCAGATAAA ACGCGTAAGCGGCCGCGCATCTAGATTCAAGAAAAATGACCGACCAAGCGACGCCAACCTGCCATCA CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG</pre> |
| <b>Restriction Sites:</b> | Sgfl-MluI   |
| <b>OTI Disclaimer:</b>    | 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).  |
| <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>            | <a href="#">NM_001146274.2</a>  |

**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