

Product datasheet for **SC216106**

TCF7L2 (NM_001146285) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	TCF7L2 (NM_001146285) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	TCF7L2
Synonyms:	TCF-4; TCF4
ACCN:	NM_001146285
Insert Size:	1736 bp



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Insert Sequence:	<p>>SC216106 3'UTR clone of NM_001146285 The sequence shown below is from the reference sequence of NM_001146285. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site</p> <pre>GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC CTGTCGCTCGTCACCAAGTCTTTAGAAAGCTTTAGCGTGTGAACCCCGCTGCTTTGTTTTATGTTTT GTTTCACTTTTCTTAATTTGCCCCACCCACCTTGAAGGTTTTGTTTTGACTCTCTTAATTTTG TGCCATGTGGCTACATTAGTTGATGTTTATCGAGTTCATTGGTCAATATTTGACCCATTCTTATTTCAA TTTCTCTTTTAAATATGTAGATGAGAGAAGAACCTCATGATTCTACAAAATTTTATCAACAGCTGT TAAAGTCTTTGTAGCGTTTAAAAATATATATATACATAACTGTTATGTAGTTCGGATAGCTTAGT TTTAAAGACTGATTAACAAAACAAAAGAAAAAAGCAATTTTGAAGCAGCCCTCCAGAAGGAGTTG GTTCTGTATTATTGTATTAATACGAGCTTGCACCAATCATTTTACATCTGGTTTTTAAACCGTAA GGGCACCATGAATGCAGTGCCGTTACTTTTTTTTTTTTTTCTGTGTGAAACAACCTTATTGTGATGT TACTTGTTATTGTTTAAATGTACAGAAACAAGGGTAAAAATGTGTTAATATACCTGTTCCATGGTGT TGTCTTTTTGGGGGAGGGGACGCTACTCAACTTAATAGAATCACAACGCTGTTGGGCCAGTAGTAT TTATTGCTTTAGAGATTGCTTGTGCTACCTGTATGTCGTCCTTTTTAAATATGTTTTCTTTTTCTTG AACTGTATAAAGTTTTTTCCCTTAGCATAAGCATCTTATATATAACAACCTCATTTGTACAAGTT TTAAGTTTATATAAAATGTGTATATATTTTTGTTCCCTTTTTGACTTTTTTTTTCTGTATG AAACCCAGATGTCACCAATGGACATTAATAGTTGCATTAAGGATCAGTAGCATTAAACAAAAGTTGCTT TAAAGCCATTATGTAACAAGACTTGAATAGTGAAGGAATTTAGCGACTGTCTGAGCAGCA GTGGGAACCATCTTCGTTTCCCTTTGAACTCCAGTGGGATGCCCTACCCTGCGCCCTTAGGACCCGG ACTGACCGTGTACAAAACCTTACGTGCCAAAATCTCAGTGAATTTAGCTTTCTCCCTCTTTTTGATGC TGTAATTTTTGTTTCATCATGTTTTGCTGTGATGTTACATAGGTAGATTTGTATGTAGTTTAAATGCAC CTATAACAAAATGTGTTGGTAGCAGATTGTCCAGAAAGCATTTTAAATGAAGAGGTATAAACCTTAA GGGCCAAAATTCTGTATATTAGATTACTCTTAAACGAAAAACCAGCTGCCGCTTTTATGTACACATATT ACATACGAGTAGGCAGCAGACTTAAAAATAAAAAAACCTAGGCATGTTGATGTTGCAAAATGCTGTA TAAAGCTGAAACCTGTTTCATTTCAGTGCCATTGTAGTTGACATGAAGCGATTGTAACCTGCTCCGATT TTTCTCTGTTTTATTAATGCTAACTATAACATTTTTGTGAATACTTTGAATGTTTCTAACAGTTG TGATGTTACTGTTCCGTTTTATGCTCTTATTCCAAGTTCAATTTTAAATGTTTGAAGCCATTTTGTGA ATGAATAAATGTTTCATGCTGTACAGTATCTGTAGCATGCCGTTCTGGATTAATAAAGCAACTTAGTAT GTGCAGATAAA ACGCGTAAGCGGCCGCGCATCTAGATTCAAGAAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA 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_001146285.2

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