

## Product datasheet for **SC217062**

### TCF7 (NM\_003202) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	TCF7 (NM_003202) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	TCF7
Synonyms:	TCF-1
ACCN:	NM_003202
Insert Size:	1937 bp



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**Insert Sequence:** >SC217062 3'UTR clone of NM\_003202  
 The sequence shown below is from the reference sequence of NM\_003202. The complete sequence of this clone may contain minor differences, such as SNPs.  
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GCCCGTTCCCTCCGATGACAGTGCTCTAGGCTGCCCGGGTCCCCAGCTCCCCAGGACTCACCCCTCAT
ACCATCTGCTGCCCGCTTCCCCACAGAACTGTTACTAGCCCTGCGGAGCCGGCACCTACATCCCCAG
GTCTCTCCACTGCTCTCAGCCTCCAACCCAGGGCCCCACAGGCCCCCGCAGCACCCCTGCAGAGCA
CACAGGTACAGCAACAGGAATCTCAGAGACAGGTGGCCTAGCAGGCACAGGACACCTGGCCGCCTCCAG
GAGCCTACCCCTGAAAGTGACAGAGACCAGATCTCATGGAACTGGCCAGGGTCTGTAAACGTCA
TCTCAGGGTCCAGACCCTGAAGATTTAGAGGCTGCAGGACTTCTGCCTGAACCTGGGGTATCGATTC
AAACTGCTCCAAGTGGTGGGAATCAGATCTGTCTTGATGTGTATCTAATTAAGGGAATCCCTTGATCC
TATGGCTGCCTGCATCTATTCTTTGTACCATCTGTCTTCCAGCCAGAAGCCTCTGCCTCCCTAGCTTT
TCTGCTATAGGTAGAGATGGGCTGAACCTGAGCCTAGCTACCTTCTCTACCCATCTCCCCATCCCCCA
CTGCCACACCCTCCCCATTAGACACTTTCATGGACCAAGAATGAGCTGGTTTGTCAAACAACATGTGAG
CATGGTACAAGCACAAAGCTCAAGATGACAGCTCTTCTAAGGAAATGGAGAAGCTCTGTTTATAAAAA
CAAAAACAAAACCAGCTGCTACTCATAAGTTGGACCAGAGGAAGCCCTTACTATGATCTCAGGAGCTT
GCAAGAAGCAGGAAGGGGAATGGAATAGTTAAGTTTAGGCCTATCAACCTAAGCAACAGAAATAATCT
GACACTACCTTATCAGGCAAATGGGGAGGGGAGGGTGTATCTAGCTCTAGTTCAAATTTTGGAAAGT
GTTCCCTGAGAAACCCACCAGCCTAAGAAGCTCTGGCCCCAGGCTTGTCACTAGCAGCTGCAGTCAACA
GTTCAAAGAAGTCATGGCCAAATCCAGTGTGCACCCCTCCCCATTACAGAGCCTTTTTCACAATTCC
ATTTCCAGTTTCATCTATGGCAGTCCAGCCAGCTCCTGGGCAGCTTGAGAGGGCAAACCCAAAACCTCAT
GACAGCCAGAGCCTGTCTTTAGCATTAGTCCGCTGGCCGGCTCCAGTTTCCCATGGGGCTGCGGG
ACAGAGGACCATTACAAGTAGATCAAGGAGCCAGAAAACCTCCAGTAGTGGACAACAGGTTTTACCA
TAGCCTACGTTAACCCATTTTTGAGCCAAGCTTCAACCCCTCAGCCTTGAAAAACAAGTCTTTAATTTAA
TTTTTGTTTTTGCTAAATCCAAGAAAAAGGGTGCCTGGGCCAGGCGCGGTGGCTCACGCCTGTAAT
CCCAGCACTTTGGCAGGCCGAGGAGGTGGATCACCTGACGTAGTGTGAGACCAGCCTGGCCAAC
ATGGTGAACCCCTGTATCTACTAAAAATACAAAATTAGCCGGACGTGGTGGTGCAGCATGTAATCCC
AGCTACTCGGGAGGCTGAGGCGGAAGAATCACTTGAACCCGGGAGCGGAGGTTCCAGTGAAGCCGAGAT
GGCGCTATTGCACTCCAGTCTGGTAACAGGGAGACTGCATCTCAAAAAAAAAAAAAAAAAAAAAAAG
GGCTGTCCATGTATTCACACACCCTCAAAAAAGCCTTTAGTTCCTACTTTAGCCACTGGTTTCTCAG
AATCCAAGATCACATATTCTAGTGAACACTGCAAGAAGTCTTGAGAAAAAGATTATTGTAGTGTCA
AAATATTTTTGTATTGTTAATGCATCATCATAGAAAACTTTTAAACATGAGAATAAAGATACTTTTTTA
CTGGG
ACGCGTAAGCGGCCCGGCATCTAGATTCAAGAAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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**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\\_003202.5](#)

**Summary:** This gene encodes a member of the T-cell factor/lymphoid enhancer-binding factor family of high mobility group (HMG) box transcriptional activators. This gene is expressed predominantly in T-cells and plays a critical role in natural killer cell and innate lymphoid cell development. The encoded protein forms a complex with beta-catenin and activates transcription through a Wnt/beta-catenin signaling pathway. Mice with a knockout of this gene are viable and fertile, but display a block in T-lymphocyte differentiation. Alternative splicing results in multiple transcript variants. Naturally-occurring isoforms lacking the N-terminal beta-catenin interaction domain may act as dominant negative regulators of Wnt signaling. [provided by RefSeq, Oct 2016]

**Locus ID:** 6932

**MW:** 71.7