

Product datasheet for **SC217086**

TCF7 (NM_201632) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	TCF7 (NM_201632) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	TCF7
Synonyms:	TCF-1
ACCN:	NM_201632
Insert Size:	1937 bp



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Insert Sequence:

>SC217086 3'UTR clone of NM_201632

The sequence shown below is from the reference sequence of NM_201632. 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
GCCCGTTCCCTCCGATGACAGTGCTCTAGGCTGCCCGGGTCCCCAGCTCCCCAGGACTACCCTCAT
ACCATCTGCTGCCCGCTTCCCCACAGAACTGTTACTAGCCCTGCGGAGCCGGCACCTACATCCCCAG
GTCTCTCCACTGCTCTCAGCCTCCAACCCAGGGCCCCACAGGCCCCCGCAGCACCTGCAGAGCA
CACAGGTACAGCAACAGGAATCTCAGAGACAGGTGGCCTAGCAGGCACAGGACACCTGGCCGCTCCAG
GAGCCTACCCCTGAAAGTGACAGAGACCAGATCTCATGGAACTGGCCAGGGTCTGTAAACGTCA
TCTCAGGGTCCAGACCCTGAAGATTTAGAGGCTGCAGGACTTCTGCCTGAACCTGGGGTATCGATTC
AAACTGCTCCAAGTGGTGGGAATCAGATCTGTCTTGATGTGTATCTAATTAAGGGAATCCCTTGACC
TATGGCTGCCTGCATCTATTCTTTGTACCATCTGTCTTGCCAGCCAGAAGCCTCTGCCTCCCTAGCTTT
TCTGCTATAGGTAGAGATGGGCTGAACCTGAGCCTAGCTACCTTCTACCCATCTCCCCATCCCCCA
CTGCCACACCCTCCCCATTAGACACTTTCATGGACCAAGAATGAGCTGGTTTGTCAAACAACATGTGAG
CATGGTACAAGCACAAAGCTCAAGATGACAGCTCTTCTAAGGAAATGGAGAAGCTCTGTTTATAAAAA
CAAAAACAAAACCAGCTGCTACTCATAAGTTGGACCAGAGGAAGCCCTTACTATGATCTCAGGAGCTT
GCAAGAAGCAGGAAGGGGAATGGAATAGTTAAGTTTAGGCCTATCAACCTAAGCAACAGAAATAATCT
GACACTACCTTATCAGGCAAATGGGGAGGGGAGGGTGTATCTAGCTCTAGTTCAAATTTTGGAAAGT
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GTTCAAAGAAGTCATGGCCAAATCCAGTGTGCACCCCTCCCCATTACAGAGCCTTTTTCACAATTCC
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GACAGCCAGAGCCTGTCTTTAGCATTAGTCCGCTGGCCGGCTCCAGTTTCCCATGGGGCTGCGGG
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TTTTTGTTTTTGCCTAAATCAAAGAAAAAGGGCTGCCGGGCCAGGCGCGGTGGCTCACGCCTGTAAT
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ATGGTGAACCCCTGTATCTACTAAAAATACAAAATTAGCCGGACGTGGTGGTGCAGCATGTAATCCC
AGCTACTCGGAGGCTGAGGCGGAAGAATCACTTGAACCCGGGAGCGGAGGTTCCAGTGAGCCGAGAT
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_201632.5

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