

## Product datasheet for **SC217055**

### Tuftelin 1 (TUFT1) (NM\_001126337) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	Tuftelin 1 (TUFT1) (NM_001126337) Human 3' UTR Clone
Symbol:	Tuftelin 1
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_001126337
Insert Size:	1906 bp



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**Insert Sequence:** >SC217055 3'UTR clone of NM\_001126337  
 The sequence shown below is from the reference sequence of NM\_001126337. 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
ATGCCTGTCATCCGAGTGGTGGAAACCTGAGCTGCCTGGAGATGGTTGCTGCCATTGCTGCTGCCTCTG
CCTCGGAGAAGCCCACTGCCCTGTTGGCTGTTAACTGCTTTGACTTCTGACTGTCCCTGGCTG
CACCCAGGACTTCGGGCTCCTGTGTCTACCAATCCCAAGCCCTGGCCACTCTAAGCTGGGCAGACGG
AGCAGGAGCACCTATTCAAGGACTGCAGCCCTTTGGAAGACATTGCTCCTGCAAGCAGGAGCCAGGGCA
ATATCTATATTCTACAGTACTATTTTCTCTGTAGAGAGCCTCCCTTCTGTTGAGACTGGACTCTG
GCTGTGCCATAAGCCAGGCTTCATCAGATTGGGAGAGGTGACAAGATTGCCTCAGCCCTAAAAGCTG
GAGACACAGATGCCAGAGTGATTGGAGAATGCTCTGGGGAATGAAGTCCCTCCACAACACAGCTC
AGTTCTTAGCAACAACTGTTTGTCTTCTACTGCTCCATCTGCAGCCTACGCTGCCCTGGCCTCCTG
CAGACAGATAGTGGGGTTACCTGGCAAGCCCTGGTGGAGGCCAGTGAACCTAAGCTTTGACTGGGTGGC
CTTGCTTTTCTGGGAGGAGGGAATGTACATTCAGGGAGTAGCCTTTTGGGAAAAATTCTTAGGGCT
ACAGACAGTCAATGTGACTTCTCTGCTGTGAAAACCTCCAGAGTCTCTTTAGGGATTTCCCTAAG
GTGTACCACCAGGCACACCTCAGTCTTCTTGACCCAGAGCCTGAAAACCTGTTTCTACTGGGTTCCACCA
GTCCCAGCAAAATCCTCTTTGTATTTTGTAAAGTATTGGTGGTTTTGCTTACATCTCATGATTG
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CCATTAGGCTTGTAAATGCAGAGTGACACTATTATGAATCTTCTCCCTTCTCCTGCTGCTGTTTCT
TCTCTCTTCTCCTTCAAACCTTGCTCTGCAGCTAAGGAAGTGAGTCTACTTTCCCTGAGGCTTTGGGG
TCAGAGTATATGTTGTTGGAGAAAGAGGGCAATCAGGACTCTTCTGGGACCCAGATGAGTTCTTCACT
AGCCCTTCTGAACCCCTTCTCCATAATTGGTCTTTTATCCTGGCTCTGAATGACCTGCAGGTCATCA
TGGTTTTCTTTTTTATTGTTTTTTTTTTTTTCTGAGACAGAGTCTCACTCTGTCAACCCAGGCTGGAGT
GCAGTGGCGCATCTCAGCTCACTGCAACCTCTGCCTCCCGGATTTAAGCGATTCTTCTGCCTCAGCCT
CCCAGTAGCTGGGACTACAGGTGTGCCACCACGCTGGCTGATTTTTGTATTTTAGTAGAGATGGGG
TTTACCATACTGGCTAGGCTGGTCTCGAATCCTGACCTCAGGTGATCCACCACCTCGGCTTCCCAA
AGTGCTAGGATTATAGGCTTGTAGCTACTGCGCCCGCCCATGGTGTCTTTCTTTAGGCTCTTCTTACA
ACCTTGAGAAGTAGATAGGCATCAGAGTATGGTACTATAGGAATCAGAAAAATCAAACAATGTGGA
TTAAGTGTTAGGCTCTATGTGGCTCACGCAGCCAGAATCCTTAAGTCTGTGTGTTCTGTGTCTCAAG
ACTGGGCTCACATTCTGGCTTTGTCCATAACAATGCTCTGGGATTTACAGGAGTTCCCTCATTTGTAAA
ATGAGGGGTCAGAGCAGGTGATATCCATGTTTCTTCCCTTTCTGATATTGTTGTCTGTGGCATATTCT
TTGTATGGCGAATTTAATAAATTATATTAATGTGTCTCTTTGA
ACGCGTAAGCGGCCGCGGCATCTAGATTCAAGAAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
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\\_001126337.2](https://www.ncbi.nlm.nih.gov/nuccore/NM_001126337.2)

**Summary:** Tuftelin is an acidic protein that is thought to play a role in dental enamel mineralization and is implicated in caries susceptibility. It is also thought to be involved with adaptation to hypoxia, mesenchymal stem cell function, and neurotrophin nerve growth factor mediated neuronal differentiation. [provided by RefSeq, Aug 2014]

**Locus ID:** 7286

**MW:** 70.5