

Product datasheet for **SC207217**

Treacher Collins syndrome protein (TCOF1) (NM_001135245) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: Treacher Collins syndrome protein (TCOF1) (NM_001135245) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: TCOF1
Synonyms: MFD1; TCS; TCS1; treacle
ACCN: NM_001135245
Insert Size: 536 bp
Insert Sequence: >SC207217 3'UTR clone of NM_001135245
The sequence shown below is from the reference sequence of NM_001135245. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon **Red**=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
AAGAAGAAGACAGCAGAGCAGACTGTATGACGAGCACCAGCACCAGGCACAGGGATTTCCTAGCCGAGC
AGTGCCCATCCCCATGCCTCTGACCTCCACCGACCTCTGCCACCATGGGTTGGAATAAAGTGTACC
TTCCCTCGCTCCACAGAAGAAGACAGCCAGCTTCAGGGTCCCTGTGCTGGCCAAGCCAGTGAGCCCTGC
GGGGAGGCTGGTCCAAGGAGAAAGTGGACCAGCTCCCATGACCTCACCCACTCCCCAACACAGGACG
CTTCATATAGATGTGTACAGTATATGATTTTTTTAAGTGACCTCCTCTCCTCCACAGACCCACATG
CCCAAAGGCCCTCGGGACTTCCACACCTTGCTCCACAGATCCAGCTAGGCCTGACCTGTGCCTCATCC
CGTGCCGCTCGGTCTCTGGCTGATCCCGAGGCTTTGTCTCTCTCGTCAGTTCTTTGGTTGTGTTTT
TTGTTTTTTTTTAATAACTCAAAAAAAAAATAAAGACTTGGAGGAAGGGTG
ACGCGTAAGCGGCCGCGCATCTAGATTCTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
```

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_001135245.2](#)



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Summary: This gene encodes a nucleolar protein with a LIS1 homology domain. The protein is involved in ribosomal DNA gene transcription through its interaction with upstream binding factor (UBF). Mutations in this gene have been associated with Treacher Collins syndrome, a disorder which includes abnormal craniofacial development. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Sep 2008]

Locus ID: 6949

MW: 19.8