

## Product datasheet for **SC207213**

### Treacher Collins syndrome protein (TCOF1) (NM\_001135243) Human 3' UTR Clone

#### Product data:

**Product Type:** 3' UTR Clones  
**Product Name:** Treacher Collins syndrome protein (TCOF1) (NM\_001135243) Human 3' UTR Clone  
**Vector:** pMirTarget (PS100062)  
**Symbol:** TCOF1  
**Synonyms:** MFD1; TCS; TCS1; treacle  
**ACCN:** NM\_001135243  
**Insert Size:** 536 bp  
**Insert Sequence:** >SC207213 3'UTR clone of NM\_001135243  
The sequence shown below is from the reference sequence of NM\_001135243. The complete sequence of this clone may contain minor differences, such as SNPs.  
**Blue**=Stop Codon **Red**=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
AAGAAGAAGACAGCAGAGCAGACTGTATGACGAGCACCAGCACCAGGCACAGGGATTTCCTAGCCGAGC
AGTGCCATCCCCATGCCTCTGACCTCCACCGACCTCTGCCACCATGGGTTGGAATAAAGTGTACC
TTCCCTCGCTCCACAGAAGAAGACAGCCAGCTTCAGGGTCCCTGTGCTGGCCAAGCCAGTGAGCCCTGC
GGGGAGGCTGGTCCAAGGAGAAAGTGGACCAGCTCCCATGACCTCACCCACTCCCCAACACAGGACG
CTTCATATAGATGTGTACAGTATATGATTTTTTAAAGTGACCTCCTCCTTCCACAGACCCACATG
CCCAAAGGCCCTCGGGACTTCCACACCTTGCTCCACAGATCCAGCTAGGCCTGACCTGTGCCTCATCC
CGTGCCGCTCGGTCTCTGGCTGATCCCGAGGCTTTGTCTCTCCTCGTCAGTTCTTTGGTTGTGTTTT
TTGTTTTTTTTTAATAACTCAAAAAAAAAATAAAGACTTGGAGGAAGGGTG
ACGCGTAAGCGCCGCGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
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\\_001135243.2](#)



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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