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Product datasheet for SC207216

Treacher Collins syndrome protein (TCOF1) (NM_000356) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones

Product Name: Treacher Collins syndrome protein (TCOF1) (NM_000356) Human 3' UTR Clone

Vector: pMirTarget (PS100062)

Symbol: TCOF1

Synonyms: MFD1; TCS; TCS1; treacle

ACCN: NM_000356

Insert Size: 536 bp

Insert Sequence:

>SC207216 3'UTR clone of NM_000356
The sequence shown below is from the reference sequence of NM_000356. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon Red=Cloning site

GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
AAGAAGAAGACAGCAGAGCAGACTGTATGACGAGCACCAGCACCAGGCACAGGGATTTCCTAGCCGAGC
AGTGGCCATCCCCATGCCTCTGACCTCCACCGACCTCTGCCCACCATGGGTTGGAACTAAACTGTTACC
TTCCCTCGCTCCACAGAAGAAGACAGCCAGCTTCAGGGGTCCCTGTGCTGGCCAAGCCAGTGAGCCTGC
GGGGAGGCTGGTCCAAGGAGAAAGTGGACCAGCTCCCATGACCTCACCCCACTCCCCCAACACAGGACG
CTTCATATAGATGTGTACAGTATATGTATTTTTTTAAGTGACCTCCTCTCCTTCCACAGACCCCACATG
CCCAAAGGCCTCGGGACTTCCCACCACCTTGCTCCACAGATCCAGCTAGGCCTGACCTGTGCCTCATCC
CGTGCCGCTCGGTCTCTGGCTGATCCCGAGGCTTTGTCTTCCTCTCGTCAGTTCTTTTGGTTGTGTTTT
TTGTTTTTTTTTTAATAACTCAAAAAAAAAATAAAAGACTTGGAGGAAGGGTG
ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTCGATTCCACCGCCGCCTTCTATGAAAGG

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_000356.4

View online »

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