

## Product datasheet for RC203644L2V

## OriGene Technologies, Inc.

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## Treacher Collins syndrome protein (TCOF1) (NM\_001008657) Human Tagged ORF Clone Lentiviral Particle

**Product data:** 

**Product Type:** Lentiviral Particles

**Product Name:** Treacher Collins syndrome protein (TCOF1) (NM\_001008657) Human Tagged ORF Clone

Lentiviral Particle

**Symbol:** Treacher Collins syndrome protein

**Synonyms:** MFD1; TCS; TCS1; treacle

Mammalian Cell

Selection:

None

**Vector:** pLenti-C-mGFP (PS100071)

Tag: mGFP

**ACCN:** NM\_001008657

ORF Size: 2874 bp

**ORF Nucleotide** 

The ORF insert of this clone is exactly the same as(RC203644).

OTI Disclaimer:

Sequence:

The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing

variants is recommended prior to use. More info

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression

varies depending on the nature of the gene.

**RefSeq:** <u>NM 001008657.1</u>

 RefSeq Size:
 3877 bp

 RefSeq ORF:
 2877 bp

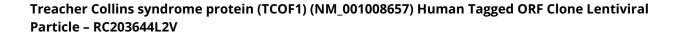
 Locus ID:
 6949

 UniProt ID:
 Q13428

**Cytogenetics:** 5q32-q33.1

**Protein Families:** Druggable Genome, Stem cell - Pluripotency







**MW:** 96.8 kDa

**Gene 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]