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Product datasheet for RC203644L2V

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 Sequence:	The ORF insert of this clone is exactly the same as(RC203644).
OTI Disclaimer:	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:	NM_001008657.1
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

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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]