

## Product datasheet for **SC203664**

### TRIM37 (NM\_001005207) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	TRIM37 (NM_001005207) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	TRIM37
Synonyms:	MUL; POB1; TEF3
ACCN:	NM_001005207
Insert Size:	299 bp
Insert Sequence:	>SC203664 3'UTR clone of NM_001005207 The sequence shown below is from the reference sequence of NM_001005207. The complete sequence of this clone may contain minor differences, such as SNPs. <b>Blue</b> =Stop Codon <b>Red</b> =Cloning site  GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC TTCAATACAGATGAAAATAGTGAAGAT <b>TA</b> TTTGATTTGAAACTGACACTGCACCTGATGGGTTAACAA GATCTAGGCTTCAGAAGGTGACAGATATGAGTGAGGACCATGTGTGGGGCAAAGCCTCAGAATGATGAA AAGGTTCCGGCACTATAGTTGGGGCCATGTTGACTCCTTTTCAACCATTTGTACAGACGTGAGAAGAA GAAATGACTTCAAATCAAGAGAAAACAATACTGAAAGTCTCTACTTACATCCAAATTTTAAAAATA AAATCTGTAGATTAACAATCTGA <b>ACGCGT</b> AAGCGGCCGCGGCATCTAGATTGAAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
Restriction Sites:	Sgfl-Mlul
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:	<u><a href="#">NM_001005207.5</a></u>



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**Summary:**

This gene encodes a member of the tripartite motif (TRIM) family, whose members are involved in diverse cellular functions such as developmental patterning and oncogenesis. The TRIM motif includes zinc-binding domains, a RING finger region, a B-box motif and a coiled-coil domain. The RING finger and B-box domains chelate zinc and might be involved in protein-protein and/or protein-nucleic acid interactions. Mutations in this gene are associated with mulibrey (muscle-liver-brain-eye) nanism, an autosomal recessive disorder that involves several tissues of mesodermal origin. TRIM37 localizes in peroxisomal membranes, and has been implicated in human peroxisomal biogenesis disorders. [provided by RefSeq, Jul 2020]

**Locus ID:** 4591

**MW:** 11.4