OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for TL308645V

TRIM37 Human shRNA Lentiviral Particle (Locus ID 4591)

Product data:

Product Type:	shRNA Lentiviral Particles
Product Name:	TRIM37 Human shRNA Lentiviral Particle (Locus ID 4591)
Locus ID:	4591
Synonyms:	MUL; POB1; TEF3
Vector:	pGFP-C-shLenti (TR30023)
Format:	Lentiviral particles
Components:	TRIM37 - Human shRNA lentiviral particles (4 unique 29mer target-specific shRNA, 1 scramble control), 0.5 ml each, >10^7 TU/ml.
RefSeq:	NM_001005207, NM_015294, NM_001320987, NM_001320988, NM_001320989, NM_001320990, NM_001353082, NM_001353083, NM_001353084, NM_001353085, NM_001353086, NR_148346, NR_148347, NM_001005207.1, NM_001005207.2, NM_001005207.3, NM_015294.1, NM_015294.2, NM_015294.3, NM_015294.4, BC036012, BC036012.1, NM_001005207.5, NM_015294.6
UniProt ID:	O94972
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]
shRNA Design:	These shRNA constructs were designed against multiple splice variants at this gene locus. To be certain that your variant of interest is targeted, please contact techsupport@origene.com. If you need a special design or shRNA sequence, please utilize our custom shRNA service.

View online »

Performance Guaranteed:

OriGene guarantees that the sequences in the shRNA expression cassettes are verified to correspond to the target gene with 100% identity. One of the four constructs at minimum are guaranteed to produce 70% or more gene expression knock-down provided a minimum transfection efficiency of 80% is achieved. Western Blot data is recommended over qPCR to evaluate the silencing effect of the shRNA constructs 72 hrs post transfection. To properly assess knockdown, the gene expression level from the included scramble control vector must be used in comparison with the target-specific shRNA transfected samples.

For non-conforming shRNA, requests for replacement product must be made within ninety (90) days from the date of delivery of the shRNA kit. To arrange for a free replacement with newly designed constructs, please contact Technical Services at techsupport@origene.com. Please provide your data indicating the transfection efficiency and measurement of gene expression knockdown compared to the scrambled shRNA control (Western Blot data preferred).