

## Product datasheet for **RC210267L3V**

### **MURF1 (TRIM63) (NM\_032588) Human Tagged ORF Clone Lentiviral Particle**

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	MURF1 (TRIM63) (NM_032588) Human Tagged ORF Clone Lentiviral Particle
Symbol:	MURF1
Synonyms:	IRF; MURF1; MURF2; RNF28; SMRZ
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_032588
ORF Size:	1059 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC210267).
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. <a href="#">More info</a>
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:	<a href="#">NM_032588.2</a>
RefSeq Size:	1764 bp
RefSeq ORF:	1062 bp
Locus ID:	84676
UniProt ID:	<a href="#">Q969Q1</a>
Cytogenetics:	1p36.11
Domains:	zf-B_box, RING
MW:	40.1 kDa


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**Gene Summary:**

This gene encodes a member of the RING zinc finger protein family found in striated muscle and iris. The product of this gene is an E3 ubiquitin ligase that localizes to the Z-line and M-line lattices of myofibrils. This protein plays an important role in the atrophy of skeletal and cardiac muscle and is required for the degradation of myosin heavy chain proteins, myosin light chain, myosin binding protein, and for muscle-type creatine kinase. [provided by RefSeq, Feb 2012]