

## Product datasheet for RC222545L4V

## OriGene Technologies, Inc.

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## MURF2 (TRIM55) (NM 033058) Human Tagged ORF Clone Lentiviral Particle

**Product data:** 

**Product Type:** Lentiviral Particles

Product Name: MURF2 (TRIM55) (NM 033058) Human Tagged ORF Clone Lentiviral Particle

Symbol: MURF2

Synonyms: MURF-2; muRF2; RNF29

**Mammalian Cell** 

Selection:

Puromycin

**Vector:** pLenti-C-mGFP-P2A-Puro (PS100093)

Tag: mGFP

**ACCN:** NM\_033058 **ORF Size:** 1620 bp

**ORF Nucleotide** 

The ORF insert of this clone is exactly the same as(RC222545).

Sequence:

**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:** <u>NM 033058.2</u>

 RefSeq Size:
 2859 bp

 RefSeq ORF:
 1623 bp

 Locus ID:
 84675

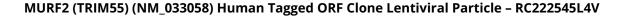
 UniProt ID:
 Q9BYV6

 Cytogenetics:
 8q13.1

**Domains:** zf-B\_box, RING

**MW:** 60 kDa







**Gene Summary:** 

The protein encoded by this gene contains a RING zinc finger, a motif known to be involved in protein-protein interactions. This protein associates transiently with microtubules, myosin, and titin during muscle sarcomere assembly. It may act as a transient adaptor and plays a regulatory role in the assembly of sarcomeres. Four alternatively spliced transcript variants encoding distinct isoforms have been described. [provided by RefSeq, Jul 2008]