

Product datasheet for **SC104658**

MURF1 (TRIM63) (NM_032588) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: MURF1 (TRIM63) (NM_032588) Human Untagged Clone
Tag: Tag Free
Symbol: TRIM63
Synonyms: IRF; MURF1; MURF2; RNF28; SMRZ
Vector: pCMV6-XL5
E. coli Selection: Ampicillin (100 ug/mL)
Cell Selection: None
Fully Sequenced ORF: >OriGene sequence for NM_032588 edited

```

GAATTCGGCACGAGGGATGTGTAGAGGGAGGCTACTACTGGACTAGAAAATGGCTGATCA
ATTAGATGATGAAGACAGGGTGCTGGCCTTTTAAGTAAGAGATTATGAAGTTTTTTTTT
TTTTAAAGGAGTCTTCTGGAGTAACAAATATGCCTGTTAGGTGTATACTGTTATCAGG
CAATATACTGATAGCAAAATGGGTCTCACCTTCAAGGGTTTTGGTAGAACTGAGGGCAAA
GGTTTCTCTTTCTCAAAGGTATCTCCACCTCTCCCAAGCAGCAGCAAAAGTTAGGCTT
CAGTACTTTCTGAATATGGTCAGACACAGTCACTTCGAGATCTCCAGCTAGTGGGTAAT
AAGCAGTCAGTAAAGAAAAGTCTTTCTGTTATAGGGCAAAGATAAAGGAACTAGTCAAT
ATGGTCTCCGGAGCCTAGAGAAAACCTACCACCAAAATAGTTTAAAGTCTGTAGTCTG
GATAAATCTAATGTTGTAGCCCTTAGCAAAGGAAAGCAAGAAAACAGAACATCTGGCAAG
AGCCTCAGATCAACATCTGTAGCCCTGAGGTACAGAGTAGTCATGTTGCCCCACACTTG
ACCACTGAGTTCTGGGCACACGGTACCCTCTGATCATTCACTAAGAGGTTGATATTTTTT
AAAAAAGTTTTCCCTCCATTCTGTGAAGGCTTTTTAATCCATGATCTGGCTATAAACTA
ACAGCTGCTGAAGCAAAAACAAAAACAAAAACAAAACCAACCCCTCCCAAAATCAT
TTTAAATAAACTGATCTCAATGAAAATCATGTCATTATTTTCATCTCTTAATTATCCCT
ATTATAAAGAAAAAAGGGTGAGTTTGTTTAATGATGAAGTGGTAAATCTCAATTCTC
TCTGGCTGGTGCTGCCAGTTACAGAGGAGGGTTAGTCCAGGCTCCTAATTTGTGTCAT
CTGTTTCAGAAGAATAGAAATCCCTTAAGTTTATGTCAGATGCTCCTAGAAAAATGTTCT
CTCAAGGCAGAAGTCACTTAGTGTGTGAAGGTGTCAAAGAAAGTCTCTATGCTGGGAAG
ACTCACCACATACTCATCATACCCATCCTCATCTGGAACCTCAGTGTAGGGTCACA
GTCCCGGACTGTAACCTTCATGGTGCAGCTAAAGGAGCCTGCAACTGGAGAAGAAGGGAG
GCAAACCTGCATCAGTGGGAGTGAAGGGAGACGTTCCATCATTTCTTAGGAAGTGCC
ATCTGTACTCAGCACTGTGTTCCACATTTCCAGTTAAACACACATGCCCTGTTGTCTGG
GGTAGTGGTTCTAAAAGCAGCCTACAAGCGGGTACAGGAGCAGTCTCACAAGCATGA
ATGTAAAGTCTATTCCACGCTGTGGGTTACAGCAGTACAGAAATGATAACATGGGCAGAC
TGTTTCTCTATTGGTATGAAGAAAGCAGCAGAGAGGTAATTTTGGGGGCTTTTTGGCCATG
CCTATCAAAGGGGCTAAATGTTGAAAAATAAATATTTTGAGAACCCTGCTGTAGGACC
TGACCAAAAAAAAAAAAAAAAAAACTCGAC

```



[View online »](#)

Restriction Sites:	NotI-NotI
ACCN:	NM_032588
Insert Size:	1640 bp
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	<u>NM_032588.2</u> , <u>NP_115977.2</u>
RefSeq Size:	1764 bp
RefSeq ORF:	1062 bp
Locus ID:	84676
UniProt ID:	<u>Q969Q1</u>
Cytogenetics:	1p36.11
Domains:	zf-B_box, RING
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]