

Product datasheet for MR223178

Trim54 (NM_021447) Mouse Tagged ORF Clone

Product data:

| | |
|---------------------------|---|
| Product Type: | Expression Plasmids |
| Product Name: | Trim54 (NM_021447) Mouse Tagged ORF Clone |
| Tag: | Myc-DDK |
| Symbol: | Trim54 |
| Synonyms: | 4930486E09Rik; 4930566I02Rik; MURF; MURF-3; MuRF3; Rnf30 |
| Mammalian Cell Selection: | Neomycin |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |
| ORF Nucleotide Sequence: | >MR223178 representing NM_021447 Red=Cloning site Blue=ORF Green=Tags(s) |

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAACCTCACGGTGGGTTTCAAGCCGCTGCTAGGGGATGCGCACAACTGGACAACCTGGAGAAGCAGC
TCATTTGCCCATCTGCCTGGAGATGTTCTCCAAGCCCGTGGTATCTTGCCCTGCCAACACAACCTGTG
CCGCAAGTGTCCAACGACGCTTCCAGGCCTAATCCTCTGTGGCAATCCCGGGCTCCACAACGGTG
TCTTCAGGAGGACGTTTCCGATGCCATCTGTAGGCACGAGGTTGTCTGGACAGGCATGGTGTCTATG
GCCTGCAGCGAACCTGCTAGTGGAGAATCATTGACATCTACAAGCAGGAGTCTCCCGCCACTGCA
CGCAAGGCTGAACAGCACCTCATGTGTGAGGAGCACGAGGACGAGAAGTCAACATCTACTGCCTGAGC
TGCGAGGTGCCACCTGCTCTCTGCAAGTTTTTCGGCGCCACAAGGACTGTGAGGTGGCCCTCTGC
CCACATTTACAAACGCCAGAAGAGTGAGCTGAGCGATGGCATCGCGATGCTGGTGGCGGCAATGACCG
TGTGCAGGCAGTGATCACCCAGATGGAGGAGGTGTGCCAGACATTGAGGACAACAGCCGACAGAGAAG
CAACTGTTAAACCAGAGGTTTCGAGACCTGTGCGCGTTTTGGAGGAGCGCAAGGGCAACTGCTTCAAG
CACTGGCCCGGGAGCAGGAGGAGAAGTTGCAGCGCTGCGGGCCTCATCCGCCAGTACGGAGACCACTT
GGAGGGCTCCTCAAAGCTGGTGGAGTCCGCCATCCAGTCCATGGAGGAGCCGAGATGGCTCTACCTC
CAGCAGGCAAAGGAGCTGATCAACAAGTTCGGGCAATGTCGAAGGTGGAGCTGGCAGGACGGCCGGGAG
CAGGCTATGAGAGCATGGAGCAATTCTCTGTGAGCGTGGAGCACGTGGCCGAAATGTTGCGAACCATCGA
CTTCCAGCCGGCGCGCTGGGGATGAAGAGGATGACGACATGGCTTTGGATGGGAGGAGGGCAATGCG
GGGCTGGAGGAGGAGCGCTGGACGTGCCAGAAGGCTCAGGCCTGCAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Reconstitution Method:

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: [NM_021447.2](#), [NP_067422.1](#)

RefSeq Size: 1548 bp

RefSeq ORF: 1101 bp

Locus ID: 58522

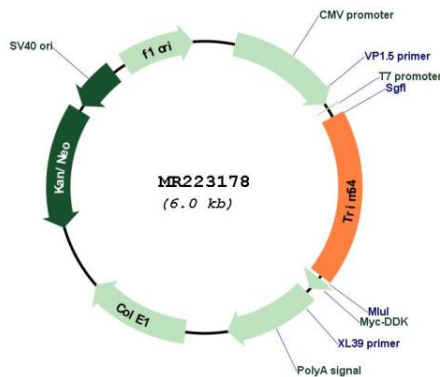
UniProt ID: [Q9ERP3](#)

Cytogenetics: 5 B1

MW: 41.6 kDa

Gene Summary: May bind and stabilize microtubules during myotubes formation.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR223178