

Product datasheet for **MG213437**

Trif1 (NM_001039478) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Trif1 (NM_001039478) Mouse Tagged ORF Clone
Tag: TurboGFP
Symbol: Trif1
Synonyms: 2010012G17Rik; 4933421E11Rik; AI450568
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >MG213437 representing NM_001039478
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCTGGCGGGACCCGCGCAAGGAGCAGGGCAAACAAGGCAAAGCCGACGCAGTATGAGATGGCATCAA
 TAGTAAAAAGGAAATTCAGAAAAAGGAAATAACAAGAAATATTCTCAAGGAAGCCATACTAATATTAA
 GGCATCATGTCTGAAGAATGATGCTGAATTTAAAAAGCTATTTGGTCTCACTAAAGATTTGAGAGTATGT
 CTTACTCGAATTCCTGACCATCTGAGCTCTGGAAAAAGTTTTAATTCCTTAAACAGTTTGATGAAAAAGTA
 GTTCTTACAAAGATGCAAACATTGTGGTGAAGAAAGAAGAAAAAACAGAGTTTCTCTAAGAAAAAGAAA
 AGCGGAAACCATGAAGATGGGTAAACAAAAAAGATAAAAATTGAGAATGCTGATGACACGGTCATGAGC
 ATCATGAATGAACTGATGTTGCTAGTTCCCAACCTCTCAGTAGTATTTACCAACATCAGACATATCAC
 AACATAACATTGTCACAAGCCATAGTACAACAGGGAAGACAAGAGAAGTACTGAGGCAGAACACTGTTCTCA
 TGAGAAGCAGGAAAAAGGCACATTAAGTTCAAGCACATCTTTTGAACAAAGTACTTTTTTAAATAAAAAAC
 TTTATGGAAGATATTTTCCAGTGACACCAGAACTAGAAGAAACCATCAGAGATGAAAAAATAAGAA
 GACTTAAGCAAATTTTAAGAGAAAAAGAAGCAGCTCTGAAGAATTGCGTAAGAAGATGTACCAAAAAACA
 A

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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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_001039478.1](#), [NP_001034567.1](#)

RefSeq Size: 1612 bp

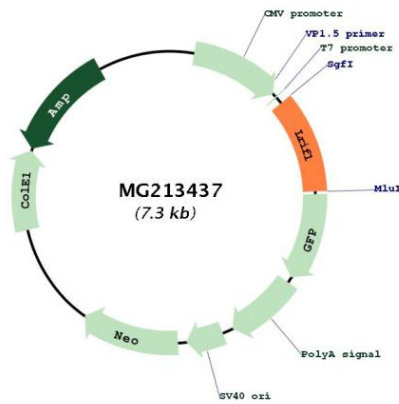
RefSeq ORF: 774 bp

Locus ID: 321000

Cytogenetics: 3 F2.3

Gene Summary: Together with SMCHD1, involved in chromosome X inactivation in females by promoting the compaction of heterochromatin. Also able to repress the ligand-induced transcriptional activity of retinoic acid receptor alpha (RARA), possibly through direct recruitment of histone deacetylases.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MG213437