

**Specifications:**

Gene:	mTrim21
Accession:	AAH10580
Insert size:	1426bp
Concentration:	10µg at 0.2µg/µL

**mTRIM21 cDNA  
Plasmid**

**Trim21 tripartite motif-  
containing 21 [ *Mus musculus*  
(house mouse) ]**

**Also known as:** Ro52; Ssa1

**Summary:**

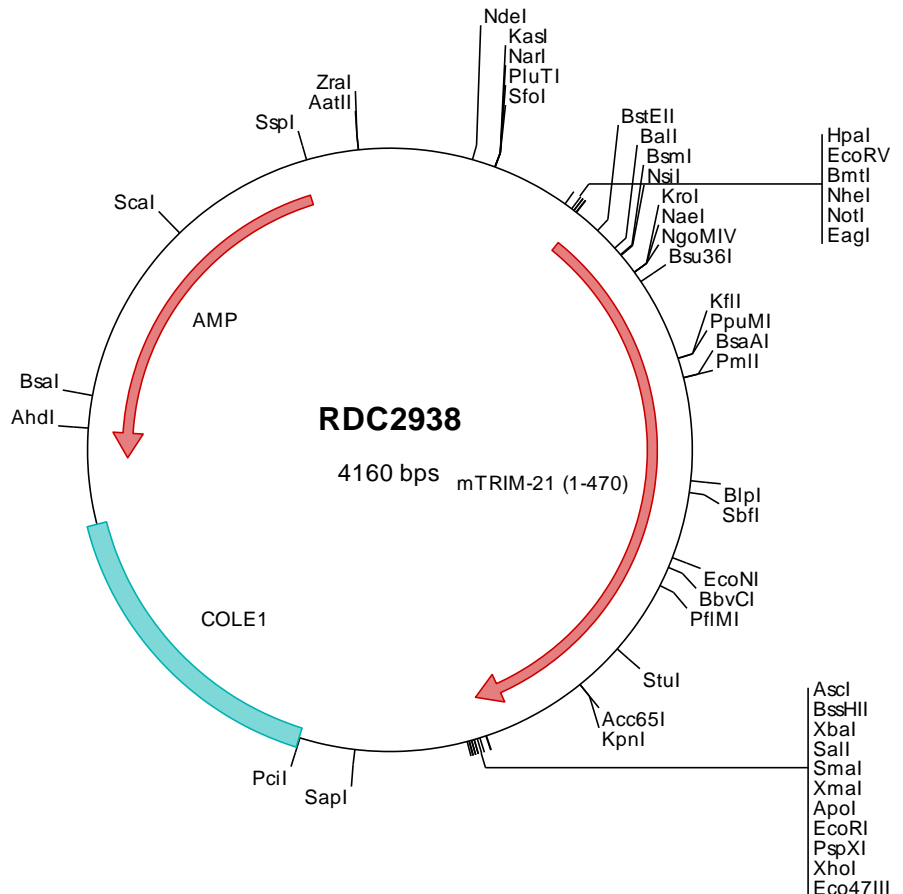
TRIM21 is a member of the tripartite motif (TRIM) family. The TRIM motif includes three zinc-binding domains, a RING, a B-box type 1 and a B-box type 2, and a coiled-coil region. TRIM21 is part of the RoSSA ribonucleoprotein, which includes a single polypeptide and one of four small RNA molecules. The RoSSA particle localizes to both the cytoplasm and the nucleus. RoSSA interacts with autoantigens in patients with Sjogren syndrome and systemic lupus erythematosus.

**Description**

This shuttle vector contains the complete ORF for the gene of interest, along with a Kozak consensus sequence for optimal translation initiation. It is inserted NotI to AscI. The gene insert is flanked with convenient multiple cloning sites which can be used to easily cut and transfer the gene cassette into your desired expression vector.

**Preparation and Storage**

**Formulation** cDNA is provided in 10 mM Tris-Cl, pH 8.5  
**Shipping** Ships at ambient temperature  
**Stability** 1 year from date of receipt when stored at -20°C to -80°C  
**Storage** Use a manual defrost freezer and avoid repeated freeze-thaw cycles.



> RDC2938 Plasmid DNA Sequence

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1 tcgctgctgtt cggatgatgac ggtgaaaacc totgacacat gcagctcccc gagacggtca cagcttgtct gtaagcggat gccgggagca gacaagcccc
101 tcaggggcgcg tcagcggggtg ttggcggggtg tcggggctgg cttactatg cggcatcaga gcagattgta ctgagagtgc accatatgcg gtgtgaaata
201 ccgcacacgat gcgtaagggag aaaataccgc atcaggcgcc attgccatt caggctgcgc aactgttggg aagggcgatc ggtgcgggcc tcttcgctat
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4101 aaaccattat tatcatgaca ttaacctata aaaataggcg tatcacgagg cccttctgct

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> RDC2938 Translated Insert Sequence

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1 mspsttskms lekmeewtc sicldpmpv msiecgchfc kecifevgkn ggsspcpcrq qfllrnlrpn rhiannmvenl kqiaqntkks tqethcmkhg
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