

Specifications:

Gene:	hTRIM21
Accession:	NP_003132
Insert size:	1441bp
Concentration:	10µg at 0.2µg/µL

**hTRIM21 cDNA
Plasmid**

**TRIM21 tripartite motif
containing 21 [*Homo sapiens* (human)]**

Also known as: SSA; RO52; SSA1; RNF81; Ro/SSA

Summary:

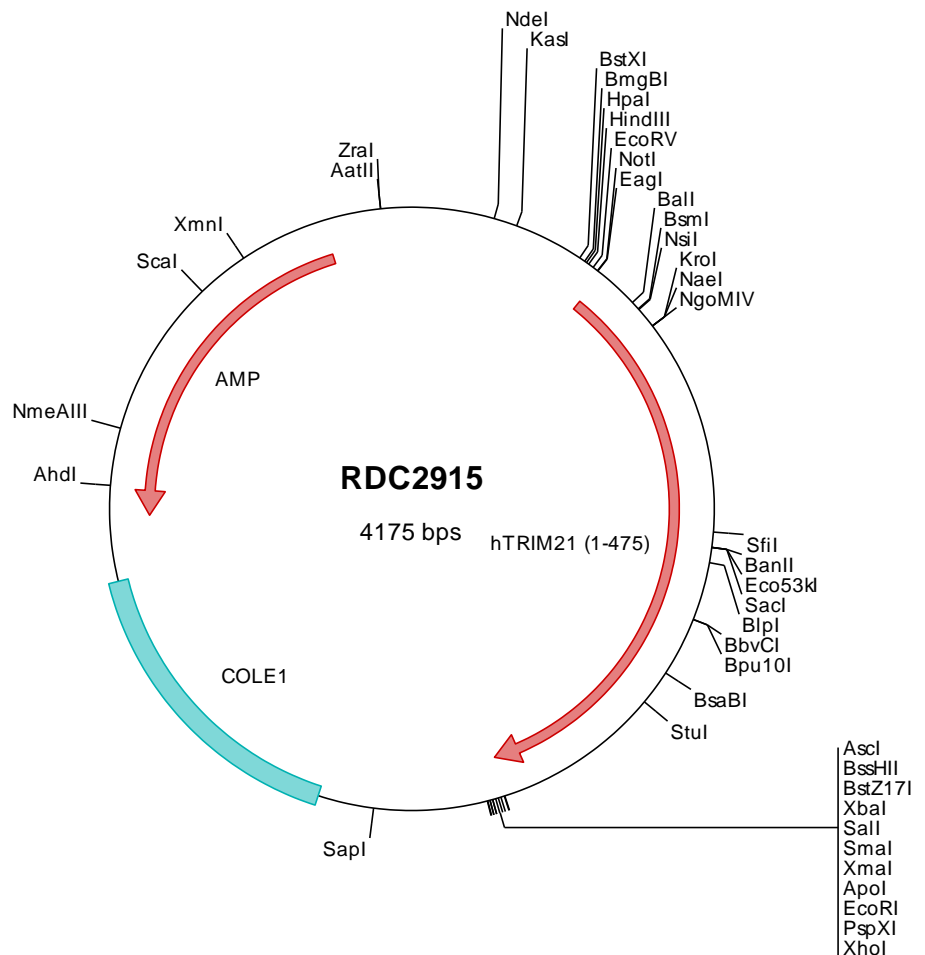
TRIM21 is a member of the tripartite motif (TRIM) family. The TRIM motif includes three zinc-binding domains, a RING, a B-box type 1 and a B-box type 2, and a coiled-coil region. TRIM21 is part of the RoSSA ribonucleoprotein, which includes a single polypeptide and one of four small RNA molecules. The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

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.



> RDC2915 Plasmid DNA Sequence

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1 tcgctgctgtt cggatgatgac ggtgaaaacc totgacacat gcagctcccg gagacgggtca cagcttgtct gtaagcggat gccggggagca gacaagcccg
101 tcagggcgcg tcagcgggtg ttggcgggtg tcggggctgg cttactatg cggcatcaga gcagattgta ctgagagtgc accatatgcg gtgtgaaata
201 ccgcacagat gcgtaaggag aaaataccgc atcaggcgcc attgccatt caggctcgcg aactgttggg aagggcgatc ggtgcccccc tcttcgctat
301 tacgcccagt ggcgaaaagg ggaatgtctg caagycgatt aagttgggta acgccagggt tttcccagtc acgacgttgt aaaacgacgg ccagtgatt
401 ggagacgtgt taacaagctt ggatccgata tcgctagcgc ggccgccacc atggcttoag cagcagcgtt gacaatgat tgggaggagg tcacatgcc
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> RDC2915 Translated Insert Sequence

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301 ilsedrqrqr lgdtqqsipg neerfdsymp vlgaqhfshg khywevdvtg keawdlgvcr dsvrkghfl lssksqfwti wlwnkqkyea gtypqtplhl
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