

Specifications:

Gene:	hTRIM63
Accession:	NP_115977.2
Insert size:	1075bp
Concentration:	10µg at 0.2µg/µL

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.

hTRIM63 cDNA

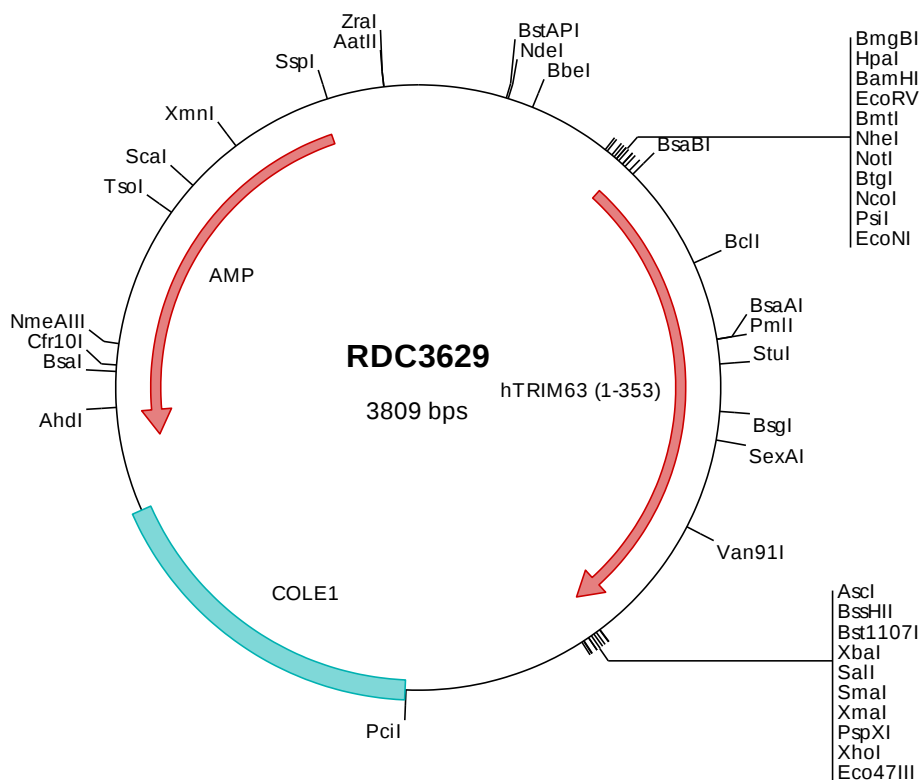
Plasmid

TRIM63 tripartite motif containing 63 [*Homo sapiens* (human)]

Also known as: IRF; SMRZ; MURF1; MURF2; RNF28

Summary:

TRIM63 is a member of the RING zinc finger protein family found in striated muscle and iris. TRIM63 is an E3 ubiquitin ligase that localizes to the Z-line and M-line lattices of myofibrils. It 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.



> RDC3629 Plasmid DNA Sequence

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> RDC3629 Translated Insert Sequence

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