

Product datasheet for **RC202088L4V**

TRIM21 (NM_003141) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	TRIM21 (NM_003141) Human Tagged ORF Clone Lentiviral Particle
Symbol:	TRIM21
Synonyms:	RNF81; Ro/SSA; RO52; SSA; SSA1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_003141
ORF Size:	1425 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC202088).
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
RefSeq:	NM_003141.3
RefSeq Size:	1946 bp
RefSeq ORF:	1428 bp
Locus ID:	6737
UniProt ID:	P19474
Cytogenetics:	11p15.4
Domains:	zf-B_box, RING, SPRY, PRY
Protein Families:	Druggable Genome



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Protein Pathways: Systemic lupus erythematosus

MW: 54.2 kDa

Gene Summary: This gene encodes 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. The encoded protein 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 transcript variants for this gene have been described but the full-length nature of only one has been determined. [provided by RefSeq, Jul 2008]