

Product datasheet for RR206441L4

Trit1 (NM_001108676) Rat Tagged Lenti ORF Clone

Product data:

OriGene Technologies, Inc.

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Product Type:	Expression Plasmids						
Product Name:	Trit1 (NM_001108676) Rat Tagged Lenti ORF Clone						
Tag:	mGFP						
Symbol:	Trit1						
Mammalian Cell Selection:	Puromycin						
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)						
E. coli Selection:	Chloramphenicol (34 ug/mL)						
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RR206441).						
Restriction Sites:	Sgfl-Mlul						
Cloning Scheme:	Cloning sites used for ORF Shuttling: Sgf 1 ORF Mlu 1 GCG ATC GCC ATG // NNN ACG CGT						

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Ba	mHI		RE	35			5	gf I				0	RF
ACTGG	ATCCG	STACC	GAG	GAGA	тстб	ccgc	cGCG	ATCG		'G			
Mlul			Notl_Xhol_				m	GFP	Tag				
CG CG	T ACG	CGG	CCG	стс	GAG	ATG	AGC	GGG	GGC				
ΤF	ιт	R	Ρ	L	E	м	S	G	G	-	-	-	-
	ACTGG Mlu I CG CG T F	Mlul	ACTGGATCCGGTACC MiuiM CG CGT ACG CGG T R T R	ACTGGATCCGGTACCGAGG Mlu I Not I CG CGT ACG CGG CCG T R T R P	ACTGGATCCGGTACCGAGGAGA Mlu I Not IXI CG CGT ACG CGG CCG CTC T R T R P L	ACTGGATCCGGTACCGAGGAGATCTG Miu I Not I <u>Xho I</u> CG CGT ACG CGG CCG CTC GAG T R T R P L E	BamHIRBS ACTGGATCCGGTACCGAGGAGATCTGCCGC Mlu1Not1Xho1 CG CGT ACG CGG CCG CTC GAG ATG T R T R P L E	BamHI RBS S CTGGATCCGGTACCGAGGAGATCTGCCGCCGCG Mlu I Not I Xho I m CG CGT ACG CGG CCG CTC GAG ATG AGC T R T R P L E M S	ACTGGATCCGGTACCGAGGAGAATCTGCCGCCGCGATCG Mlu1 <u>Not1 Xho1</u> mGFP CG CGT ACG CGG CCG CTC GAG ATG AGC GGG T R T R P L E <u>M S G</u>	Consensus BamH1 RBS Sgf1 ACTGGATCCGGGTACCGAGGAGGAGTCTGCCGCCGCGGATCGC C AT MIu1 MOFP Tag CG CGT ACG CGG CCG CTC GAG ATG AGC GGG GGC T R T R P L E M S G G	Consensus BamH1 RBS Sgf1 ACTGGATCCGGTACCGAGGAGGAGATCTGCCGCGCGGATCGC C ATG Mlu1 MGFP Tag CG CGT ACG CGG CCG CTC GAG ATG AGC GGG GGC T R T R P L E M S G G	Consensus BamH1 RBS Sgf1 ACTGGATCCGGGTACCGAGGAGGAGATCTGCCGCGCGGATCGC C ATG Mlu1 Not1 Mot1 mGFP Tag CG CGT ACG CGG CCG CTC GAG ATG AGC GGG GGC	Consensus Consensus Consensus Sgf1 O ActGGATCCGGGTACCGGAGGAGAGATCTGCCGCGCGGATCGC C ATG Mlu1 Not1 Xho1 mGFP Tag CG CGT ACG CGG CCG CTC GAG ATG AGC GGG GGC T R T P L M S G G -<

* The last codon before the Stop codon of the ORF.

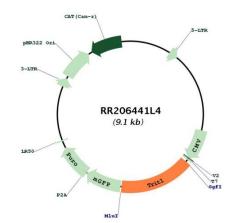
ACCN: ORF Size: NM_001108676 1437 bp



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ORIGENE Trit	l (NM_001108676) Rat Tagged Lenti ORF Clone – RR206441L4
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. <u>More info</u>
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Metho	 d: 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:	<u>NM 001108676.1, NP 001102146.1</u>
RefSeq Size:	2113 bp
RefSeq ORF:	1440 bp
Locus ID:	362586
Cytogenetics:	5q36

Product images:



Circular map for RR206441L4

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