

Product datasheet for MR202516L4

Timp2 (NM_011594) Mouse Tagged Lenti ORF Clone

Product data:

OriGene Technologies, Inc.

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Product Type:	Expression Plasmids						
Product Name:	Timp2 (NM_011594) Mouse Tagged Lenti ORF Clone						
Tag:	mGFP						
Symbol:	Timp2						
Synonyms:	D11Bwg1104e; Timp-2						
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(MR202516).						
Restriction Sites:	Sgfl-Mlul						
Cloning Scheme:							
	Cloning sites used for ORF Shuttling:						
	Sgf I ORF Mlu I GCG ATC GC ATG // NNN ACG CGT						

<u>Ecor I</u> CTATAGGGCGGCCGGGAATTCGTC		Bam GGAT		STACC	RE	-	тста			nsus gf I	- 	TG	 01	RF
	Mlu l			Notl_Xh			no I	<u>ol</u> mGFP T						
NNŇ	ACG T	CGT R	ACG T	CGG R	CCG P	стс L	GAG E	ATG M	AGC S	GGG G	GGC G			
GGA CTC AGA GTT TGG G L R V The last codon before the Stop c														

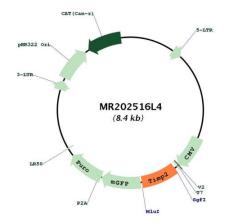
ACCN: ORF Size: NM_011594 663 bp



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	mp2 (NM_011594) Mouse Tagged Lenti ORF Clone – MR202516L4
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 Meth	 Centrifuge at 5,000xg for 5min. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. Close the tube and incubate for 10 minutes at room temperature. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 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 011594.3, NP 035724.2</u>
RefSeq Size:	3635 bp
RefSeq ORF:	663 bp
Locus ID:	21858
Cytogenetics:	11 83.09 cM

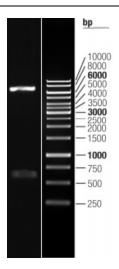
Product images:



Circular map for MR202516L4

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Double digestion of MR202516L4 using Sgfl and Mlul

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