

Product datasheet for RR202699L4

Yes1 (NM_033298) Rat Tagged Lenti ORF Clone

Product data:

OriGene Technologies, Inc.

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Product Type:	Expression Plasmids					
Product Name:	Yes1 (NM_033298) Rat Tagged Lenti ORF Clone					
Tag:	mGFP					
Symbol:	Yes1					
Synonyms:	c-Yes; p60c-yes; p61-Yes; Yes					
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(RR202699).					
Restriction Sites:	Sgfl-Mlul					
Cloning Scheme:						
	Cloning sites used for ORF Shuttling:					
	Sgf I ORF Miu I					
	GCG ATC GCC ATG // NNN ACG CGT					

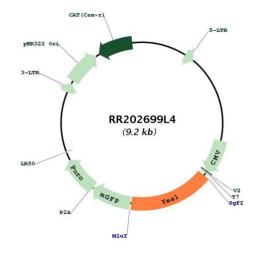
					c	Koza onsen	k sus	_				
EcoR I	Bam	HI	RBS			Sg	f I				OR	F
CTATAGGGCGGCCGGGAATTCGTC	GACTGGA	TCCGGTAC	CGAGGAG	ATCTG	ccGCC	GCGA	ATCG		rg			-
	Mlul			(ho I			GFP 1	-				
NNÑ		ACG CG					GGG	GGC				
	TR	TR	ΡL	E	м	S	G	G	-	-		-
GGA CTC AGA GTT TGC	GTA GGA	AGC										

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



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Plasmid Map:



ACCN:	NM_033298
ORF Size:	1467 bp
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 Method:	 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 033298.1, NP 150640.1</u>
RefSeq Size:	1795 bp
RefSeq ORF:	1470 bp

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	Yes1 (NM_033298) Rat Tagged Lenti ORF Clone – RR202699L4
Locus ID:	24884
Cytogenetics:	9q38
Gene Summary:	has protein tyrosine kinase activity and catalyzes autophosphorylation at two tyrosine residues including Tyr32 [RGD, Feb 2006]

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