

Product datasheet for RR200019L4

Szrd1 (NM_001114599) Rat Tagged Lenti ORF Clone

Product data:

OriGene Technologies, Inc.

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Product Type:	Expression Plasmids						
Product Name:	Szrd1 (NM_001114599) Rat Tagged Lenti ORF Clone						
Tag:	mGFP						
Symbol:	Szrd1						
Synonyms:	C1orf144; RGD1560286						
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(RR200019).						
Restriction Sites:	Sgfl-Mlul						
Cloning Scheme:							
	Cloning sites used for ORF Shuttling:						
	Sgf I ORF Mlu I GCG ATC GC ATG // NNN ACG CGT						

	Bam	нı		RE	35			Conse	nsus	-			o	RF
CGACT	GGA	rccgo	STACC	GAG	GAGA	TCTG	CCGC	CGCG	ATCG	C C A	TG -			
м	Mlu I			Notl_Xho			mGFP Ta							
ACG T	CGT R	ACG T	CGG R	CCG P	стс L	GAG E	ATG M	AGC S	GGG G	GGC G				
G GTA	GGA	AGC												
	CGACT	Mlu I ACG CGT T R	Miui Acg cgt acg	CGACTGGATCCGGTACC	CGACTGGATCCGGTACCGAGG Mlu I Not I ACG CGT ACG CGG CCG T R T R P	CGACTGGATCCGGTACCGAGGAGA <u>Miu I</u> <u>Not I Xi</u> AGG CGT ACG CGG CCG CTC T R T R P L	CGACTGGATCCGGTACCGAGGAGATCTG <u>Miu I</u> Not I <u>Xho I</u> AGG CGT ACG CGG CCG CTC GAG T R T R P L E	BamH I RBS CGACTGGATCCGGTACCGAGAGAGATCTGCCGC Mlu I Not I ACG CGT ACG CGG CCG CTC GAG ATG T R T R	BamH1 RBS S CGACTGGATCCGGTACCGAGGAGATCTGCCGCCGCGG S Mlu1 Not1 Xho1 ACG CGT ACG T R T	CGACTGGATCCGGTACCGAGGAGATCTGCCGCCGCGCATCG <u>Mlu I Not I Xho I</u> mGFP ACG CGT ACG CGG CCG CTC GAG ATG AGC GGG T R T R P L E <u>M S G</u>	Consensus Consensus BamHI RBS Sgf1 CGACTGGATCCGGTACCGAGGAGATCTGCCGCCGCCGCGCGCG	Consensus <u>Sgf1</u> CGACTGGATCCGGTACCGAGGAGGATCGCCGCGCGGCGCGCGC	Consensus Consensus BamHI RBS SgfI CGACTGGATCCGGTACCGAGGAGATCTGCCGCCGCGGCGCGCGC	BamHI RBS Sgf I O CGACTGGATCCGGTACCGAGGAGATCTGCCGCCGCGGCGCGCGC

ACCN: ORF Size: NM_001114599 456 bp

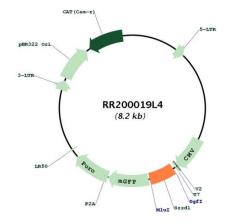


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	Szrd1 (NM_001114599) Rat Tagged Lenti ORF Clone – RR200019L4
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ 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 M	 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 liquic 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 001114599.2, NP 001108071.1</u>
RefSeq Size:	3255 bp
RefSeq ORF:	459 bp
Locus ID:	500575
UniProt ID:	<u>Q5XIA2</u>
Cytogenetics:	5q36

Product images:



Circular map for RR200019L4

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