

Product datasheet for RR211849L4

Slc7a6os (NM_139328) Rat Tagged Lenti ORF Clone

Product data:

OriGene Technologies, Inc.

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Product Type:	Expression Plasmids						
Product Name:	Slc7a6os (NM_139328) Rat Tagged Lenti ORF Clone						
Tag:	mGFP						
Symbol:	Slc7a6os						
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(RR211849).						
Restriction Sites:	Sgfl-Mlul						
Cloning Scheme:	Cloning sites used for ORF Shuttling: Sgf I ORF Mlu I GCG ATC GCC ATG NNŇ ACG CGT						

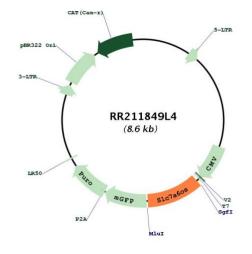
								Koza		_			
EcoR I	Ban	ΗI		RE	s			S	gf I			OF	۲F
CTATAGGGCGGCCGGGAATTCGTC	GACTGGA	тссбо	STACC	GAGO	GAGA	TCTG	CCGC	caca	ATCG		G	 	
	Mlu I	_	۸	lot I	Xł	no I		m	GFP	Tag			
NNŇ	Mlu I ACG CGT T R	ACG T			_		ATG M			-		 	

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



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Plasmid Map:



ACCN:	NM_139328
ORF Size:	915 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 139328.2, NP 647544.2</u>
RefSeq Size:	1513 bp

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	Slc7a6os (NM_139328) Rat Tagged Lenti ORF Clone – RR211849L4	
RefSeq ORF:	918 bp	
Locus ID:	246187	
Cytogenetics:	19q12	

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