

Product datasheet for RR205750L4

Sgk2 (NM_134463) Rat Tagged Lenti ORF Clone

Product data:

OriGene Technologies, Inc.

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Product Type:	Expression Plasmids					
Product Name:	Sgk2 (NM_134463) Rat Tagged Lenti ORF Clone					
Tag:	mGFP					
Symbol:	Sgk2					
Mammalian Cell Selection:	Puromycin					
Vector:	pLenti-C-mGFF	P-P2A-P	uro (PS10	0093)		
E. coli Selection:	Chloramphenicol (34 ug/mL)					
ORF Nucleotide Sequence:	The ORF insert	t of th	is clone	is exac	tly the sa	ame as(RR205750).
Restriction Sites:	Sgfl-Mlul					
Cloning Scheme:			ses used for ORF Sh Sgf I GCG ATC GC ATC GC	ORF	Miu I ACG CGT	
		EcoR I	BamH I	RBS	Consensus Sgf I	ORF
CTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCCGCCGCGATCGC C ATG ········						

 Mlu1
 Not1
 Xho1
 mGFP Tag

 ...
 NNN
 ACG CGT ACG CGG CCG CTC GAG
 ATG AGC GGG GGC
 ...

 T
 R
 T
 R
 P
 L
 M
 S
 G
 ...
 ...



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

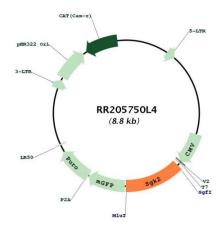
ACCN: ORF Size: NM_134463 1101 bp



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Sgk2 (NM_134463) Rat Tagged Lenti ORF Clone – RR205750L4				
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 134463.1, NP 604458.1</u>			
RefSeq Size:	2708 bp			
RefSeq ORF:	1104 bp			
Locus ID:	171497			
UniProt ID:	<u>Q8R4U9</u>			
Cytogenetics:	3q42			
Gene Summary:	human homolog induces activation of the epithelial sodium channel ENaC [RGD, Feb 2006]			

Product images:



Circular map for RR205750L4

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