

Product datasheet for RR213597L4

Kcnq3 (NM_031597) Rat Tagged Lenti ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Kcnq3 (NM_031597) Rat Tagged Lenti ORF Clone
Tag:	mGFP
Symbol:	Kcnq3
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(RR213597).
Restriction Sites:	SgfI-MluI
Cloning Scheme:	

Cloning sites used for ORF Shuttling:



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



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Reconstitution Method:

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 liquid 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: [NM_031597.4](#), [NP_113785.3](#)

RefSeq Size: 5798 bp

RefSeq ORF: 2739 bp

Locus ID: 29682

Cytogenetics: 7q34

Gene Summary: potassium channel involved in regulating neuronal excitability [RGD, Feb 2006]