

Product datasheet for RR206470L3

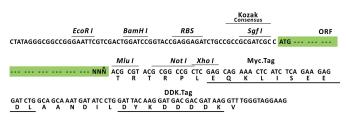
Kcne2 (NM_133603) Rat Tagged Lenti ORF Clone

Product data:

OriGene Technologies, Inc.

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Expression Plasmids
Kcne2 (NM_133603) Rat Tagged Lenti ORF Clone
Myc-DDK
Kcne2
Mirp1
Puromycin
pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Chloramphenicol (34 ug/mL)
The ORF insert of this clone is exactly the same as(RR206470).
Sgfl-Mlul
Cloning sites used for ORF Shuttling:
Sgf1 ORF Miu I GCG ATC GC ATG // NNN ACG CGT

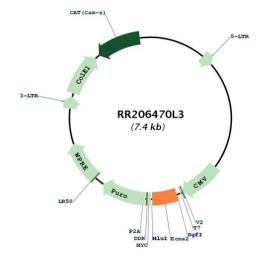


* The last codon before the Stop codon of the ORF.



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Plasmid Map:



ACCN:	NM_133603
ORF Size:	369 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 133603.2, NP 598287.1</u>
RefSeq Size:	1744 bp
RefSeq ORF:	372 bp

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Locus ID:	171138
UniProt ID:	<u>P63161</u>
Cytogenetics:	11q11
Gene Summary:	small integral membrane subunit which binds with HERG, a pore-forming protein, to alter its channel function [RGD, Feb 2006]

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