

Product datasheet for **RR214433L3V**

Clic2 (NM_001009651) Rat Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Clic2 (NM_001009651) Rat Tagged ORF Clone Lentiviral Particle
Symbol:	Clic2
Synonyms:	MGC108828
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_001009651
ORF Size:	735 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RR214433).
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. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
RefSeq:	NM_001009651.1 , NP_001009651.1
RefSeq Size:	1219 bp
RefSeq ORF:	738 bp
Locus ID:	294141
UniProt ID:	Q5M883
Cytogenetics:	20p12



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Gene Summary:

Can insert into membranes and form chloride ion channels. Channel activity depends on the pH. Membrane insertion seems to be redox-regulated and may occur only under oxidizing conditions. Modulates the activity of RYR2 and inhibits calcium influx (By similarity). [UniProtKB/Swiss-Prot Function]