

## **OriGene Technologies, Inc.**

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## Product datasheet for RC230544L4V

## CLCN2 (NM\_001171088) Human Tagged ORF Clone Lentiviral Particle

## **Product data:**

Product Name:CLCN2 (NM_001171088) Human Tagged ORF Clone Lentiviral ParticleSymbol:CLCN2Symonyms:CLC-2; CLC2; CLC2; ECA3; EGI3; EGI11; EGMA; EJM6; EJM8; HALD2; LKPATMammalian CellPuromycinVector:pLenti-C-mGFP-P2A-Puro (PS100093)Tag:mGFPACCN:NM_001171088ORF Size:2562 bpORF NucleotideThe oRF insert of this clone is exactly the same as(RC230544).Sequence:The molecular sequence of this clone aligns with the gene accession number as a point of 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 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 infoFREseq:NM 0011710882Refseq Size:3167 bpRefseq ORF:555 bpLocus ID:1181UniProt ID:517388Cytogenetics:3047.1Wit:93.6 kDa	Product Type:	Lentiviral Particles
Synonyms:CIC-2; CIC-2; CCA2; ECA3; EGI3; EGI11; EGMA; EJM6; EJM8; HALD2; LKPATMammalian Cell Selection:PuromycinVector:pLenti-C-mGFP-P2A-Puro (PS100093)Tag:mGFPACCN:NM_001171088ORF Size:2562 bpORF Nucleotide Sequence:The nolecular 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 infoOTI Annotation:This clone was engineered to express the complete ORF with an expression tag. Expression variates depending on the nature of the gene.RefSeq:NM_001171088.2RefSeq ORF:2565 bpLocus ID:1181UniProt ID:P51788Cytogenetics:3q27.1Protein Families:Druggable Genome, Ion Channels: Other, Transmembrane	Product Name:	CLCN2 (NM_001171088) Human Tagged ORF Clone Lentiviral Particle
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	Cytogenetics:	3q27.1
MW: 93.6 kDa	Protein Families:	Druggable Genome, Ion Channels: Other, Transmembrane
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Gene Summary:This gene encodes a voltage-gated chloride channel. The encoded protein is a<br/>transmembrane protein that maintains chloride ion homeostasis in various cells. Defects in<br/>this gene may be a cause of certain epilepsies. Four transcript variants encoding different<br/>isoforms have been found for this gene. [provided by RefSeq, Mar 2012]

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