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Product datasheet for RC221294L4V

CLCN6 (NM_001286) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	CLCN6 (NM_001286) Human Tagged ORF Clone Lentiviral Particle
Symbol:	CLCN6
Synonyms:	CLC-6; CONRIBA
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001286
ORF Size:	2607 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC221294).
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_001286.3
RefSeq Size:	5713 bp
RefSeq ORF:	2610 bp
Locus ID:	1185
UniProt ID:	P51797
Cytogenetics:	1p36.22
Domains:	CBS, voltage_CLC
Protein Families:	Druggable Genome, Ion Channels: Other, Transmembrane

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MW: 97.2 kDa

Gene Summary: This gene encodes a member of the voltage-dependent chloride channel protein family. Members of this family can function as either chloride channels or antiporters. This protein is primarily localized to late endosomes and functions as a chloride/proton antiporter. Alternate splicing results in both coding and non-coding variants. Additional alternately spliced variants have been described but their full-length structure is unknown. [provided by RefSeq, Mar 2012]