

Product datasheet for **MR223499L4V**

Clcn3 (NM_007711) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Clcn3 (NM_007711) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Clcn3
Synonyms:	Clc3
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_007711
ORF Size:	2373 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR223499).
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_007711.3
RefSeq Size:	5529 bp
RefSeq ORF:	2283 bp
Locus ID:	12725
UniProt ID:	P51791
Cytogenetics:	8 30.9 cM



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Gene Summary:

Mediates the exchange of chloride ions against protons. Functions as antiporter and contributes to the acidification of the endosome and synaptic vesicle lumen, and may thereby affect vesicle trafficking and exocytosis. May play an important role in neuronal cell function through regulation of membrane excitability by protein kinase C. It could help neuronal cells to establish short-term memory.[UniProtKB/Swiss-Prot Function]