

Product datasheet for **MR224701L4V**

Clcn6 (NM_011929) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Clcn6 (NM_011929) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Clcn6
Synonyms:	AI850629; Clc6
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_011929
ORF Size:	2610 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR224701).
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_011929.2 , NP_036059.1
RefSeq Size:	2910 bp
RefSeq ORF:	2613 bp
Locus ID:	26372
UniProt ID:	O35454
Cytogenetics:	4 78.67 cM



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Gene Summary:

This gene encodes a member of the ClC chloride channel and transporter family of proteins. The encoded protein may function as a vesicular Cl⁻/H⁺ antiporter. Homozygous knockout mice exhibit decreased pain sensitivity, behavioral abnormalities and features of lysosomal storage disease. [provided by RefSeq, Aug 2015]