

## Product datasheet for **MR225401L3V**

### Cldn14 (NM\_019500) Mouse Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	Cldn14 (NM_019500) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Cldn14
Synonyms:	AI851731
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_019500
ORF Size:	717 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR225401).
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. <a href="#">More info</a>
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:	<a href="#">NM_019500.4</a> , <a href="#">NP_062373.3</a>
RefSeq Size:	1475 bp
RefSeq ORF:	720 bp
Locus ID:	56173
UniProt ID:	<a href="#">Q9Z0S3</a>
Cytogenetics:	16 C4



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**Gene Summary:**

This gene encodes a member of the claudin family of tight junction proteins. The encoded protein is an integral membrane protein that may function in maintaining apical membrane polarization in tight junctions located between outer hair cells and supporting cells. Loss of function of this gene is associated with hearing problems. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Oct 2009]