

Product datasheet for **RC210388L1V**

CLRN1 (NM_174878) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	CLRN1 (NM_174878) Human Tagged ORF Clone Lentiviral Particle
Symbol:	CLRN1
Synonyms:	RP61; USH3; USH3A
Mammalian Cell Selection:	None
Vector:	pLenti-C-Myc-DDK (PS100064)
Tag:	Myc-DDK
ACCN:	NM_174878
ORF Size:	696 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC210388).
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_174878.2
RefSeq Size:	2359 bp
RefSeq ORF:	699 bp
Locus ID:	7401
UniProt ID:	P58418
Cytogenetics:	3q25.1
Protein Families:	Transmembrane
MW:	25.7 kDa



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Gene Summary:

This gene encodes a protein that contains a cytosolic N-terminus, multiple helical transmembrane domains, and an endoplasmic reticulum membrane retention signal, TKGH, in the C-terminus. The encoded protein may be important in development and homeostasis of the inner ear and retina. Mutations within this gene have been associated with Usher syndrome type IIIa. Multiple transcript variants encoding distinct isoforms have been identified for this gene. [provided by RefSeq, Jul 2008]