

## Product datasheet for **RC223322L4V**

### COL8A1 (NM\_001850) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	COL8A1 (NM_001850) Human Tagged ORF Clone Lentiviral Particle
Symbol:	COL8A1
Synonyms:	C3orf7
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001850
ORF Size:	2232 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC223322).
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_001850.3</a>
RefSeq Size:	2676 bp
RefSeq ORF:	2235 bp
Locus ID:	1295
UniProt ID:	<a href="#">P27658</a>
Cytogenetics:	3q12.1
Domains:	C1Q, Collagen
Protein Families:	Druggable Genome



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**MW:** 73.34 kDa

**Gene Summary:** This gene encodes one of the two alpha chains of type VIII collagen. The gene product is a short chain collagen and a major component of the basement membrane of the corneal endothelium. The type VIII collagen fibril can be either a homo- or a heterotrimer. Alternatively spliced transcript variants encoding the same protein have been observed. [provided by RefSeq, Dec 2011]