

Product datasheet for **RC215724L4V**

COL21A1 (NM_030820) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	COL21A1 (NM_030820) Human Tagged ORF Clone Lentiviral Particle
Symbol:	COL21A1
Synonyms:	COLA1L; FP633
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_030820
ORF Size:	2871 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC215724).
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_030820.2
RefSeq Size:	4193 bp
RefSeq ORF:	2874 bp
Locus ID:	81578
UniProt ID:	Q96P44
Cytogenetics:	6p12.3-p11.2
Domains:	VWA, TSPN, Collagen
MW:	99.4 kDa


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Gene Summary:

This gene encodes the alpha chain of type XXI collagen, a member of the FACIT (fibril-associated collagens with interrupted helices) collagen family. Type XXI collagen is localized to tissues containing type I collagen and maintains the integrity of the extracellular matrix. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jan 2016]