

Product datasheet for **RC223776L4V**

COL9A2 (NM_001852) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	COL9A2 (NM_001852) Human Tagged ORF Clone Lentiviral Particle
Symbol:	COL9A2
Synonyms:	DJ39G22.4; EDM2; MED; STL5
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001852
ORF Size:	2067 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC223776).
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_001852.3
RefSeq Size:	2831 bp
RefSeq ORF:	2070 bp
Locus ID:	1298
UniProt ID:	Q14055
Cytogenetics:	1p34.2
Protein Families:	Druggable Genome
MW:	65 kDa



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Gene Summary:

This gene encodes one of the three alpha chains of type IX collagen, the major collagen component of hyaline cartilage. Type IX collagen, a heterotrimeric molecule, is usually found in tissues containing type II collagen, a fibrillar collagen. This chain is unusual in that, unlike the other two type IX alpha chains, it contains a covalently attached glycosaminoglycan side chain. Mutations in this gene are associated with multiple epiphyseal dysplasia. [provided by RefSeq, Jul 2008]