

Product datasheet for RC223776L4V

OriGene Technologies, Inc.

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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

2007 SP

Sequence:
OTI Disclaimer:

The ORF insert of this clone is exactly the same as(RC223776).

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

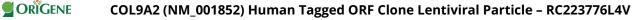
varies depending on the nature of the gene.

RefSeg: 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





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]