

Product datasheet for **RC223170L1V**

COL12A1 (NM_004370) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	COL12A1 (NM_004370) Human Tagged ORF Clone Lentiviral Particle
Symbol:	COL12A1
Synonyms:	BA209D8.1; BTHLM2; COL12A1L; DJ234P15.1; EDSMYP; UCMD2
Mammalian Cell Selection:	None
Vector:	pLenti-C-Myc-DDK (PS100064)
Tag:	Myc-DDK
ACCN:	NM_004370
ORF Size:	9189 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC223170).
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_004370.4
RefSeq Size:	11554 bp
RefSeq ORF:	9192 bp
Locus ID:	1303
UniProt ID:	Q99715
Cytogenetics:	6q13-q14.1
MW:	333.1 kDa



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Gene Summary:

This gene encodes the alpha chain of type XII collagen, a member of the FACIT (fibril-associated collagens with interrupted triple helices) collagen family. Type XII collagen is a homotrimer found in association with type I collagen, an association that is thought to modify the interactions between collagen I fibrils and the surrounding matrix. Alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq, Jul 2008]