OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for RC218704L3V

Collagen VI (COL6A2) (NM_058174) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Collagen VI (COL6A2) (NM_058174) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Collagen VI
Synonyms:	BTHLM1; PP3610; UCMD1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_058174
ORF Size:	2754 bp
ORF Nucleotide Sequence:	`The ORF insert of this clone is exactly the same as(RC218704).`
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_058174.1, NP_478054.1
RefSeq Size:	3145 bp
RefSeq ORF:	2757 bp
Locus ID:	1292
UniProt ID:	P12110
Cytogenetics:	21q22.3
Protein Families:	Secreted Protein
Protein Pathways:	ECM-receptor interaction, Focal adhesion

View online »

MW: 95.3 kDa

Gene Summary: This gene encodes one of the three alpha chains of type VI collagen, a beaded filament collagen found in most connective tissues. The product of this gene contains several domains similar to von Willebrand Factor type A domains. These domains have been shown to bind extracellular matrix proteins, an interaction that explains the importance of this collagen in organizing matrix components. Mutations in this gene are associated with Bethlem myopathy and Ullrich scleroatonic muscular dystrophy. Three transcript variants have been identified for this gene. [provided by RefSeq, Jul 2008]