

Product datasheet for **RC221773L4V**

Matrilin 3 (MATN3) (NM_002381) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Matrilin 3 (MATN3) (NM_002381) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Matrilin 3
Synonyms:	DIPOA; EDM5; HOA; OADIP; OS2; SEMDBCD
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_002381
ORF Size:	1458 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC221773).
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_002381.3 , NP_002372.1
RefSeq Size:	2599 bp
RefSeq ORF:	1461 bp
Locus ID:	4148
UniProt ID:	O15232
Cytogenetics:	2p24.1
Protein Families:	Druggable Genome, Secreted Protein
MW:	52.82 kDa



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Gene Summary:

This gene encodes a member of von Willebrand factor A domain containing protein family. This family of proteins is thought to be involved in the formation of filamentous networks in the extracellular matrices of various tissues. This protein contains two von Willebrand factor A domains; it is present in the cartilage extracellular matrix and has a role in the development and homeostasis of cartilage and bone. Mutations in this gene result in multiple epiphyseal dysplasia. [provided by RefSeq, Jul 2008]