

Product datasheet for RC216227L3

OriGene Technologies, Inc.

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Matrilin 2 (MATN2) (NM_002380) Human Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: Matrilin 2 (MATN2) (NM_002380) Human Tagged Lenti ORF Clone

Tag: Myc-DDK

Symbol: Matrilin 2

Mammalian Cell Puromycin

Selection:

Vector:

pLenti-C-Myc-DDK-P2A-Puro (PS100092)

E. coli Selection: Chloramphenicol (34 ug/mL)

ORF Nucleotide

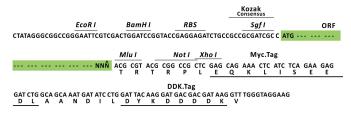
The ORF insert of this clone is exactly the same as(RC216227).

Sequence:

Restriction Sites: Sgfl-Mlul

Cloning Scheme:





^{*} The last codon before the Stop codon of the ORF.

ACCN: NM_002380

ORF Size: 2868 bp





Matrilin 2 (MATN2) (NM_002380) Human Tagged Lenti ORF Clone - RC216227L3

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.

Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube

containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

Reconstitution Method: 1. Centrifuge at 5,000xg for 5min.

2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.

3. Close the tube and incubate for 10 minutes at room temperature.

4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid

at the bottom.

5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of

shipping when stored at -20°C.

RefSeq: <u>NM 002380.3</u>

RefSeq Size: 4122 bp
RefSeq ORF: 2871 bp
Locus ID: 4147

Cytogenetics: 8q22.1-q22.2

UniProt ID:

Domains: EGF CA, VWA, EGF, EGF

000339

Protein Families: Secreted Protein

MW: 106.9 kDa

Gene Summary: This gene encodes a member of the 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 five von Willebrand factor A domains. The specific function of this gene has not yet been determined. Two transcript variants encoding different isoforms have been found for this gene. [provided]

by RefSeq, Jul 2008]