

Product datasheet for SC126636

MMRN1 (NM_007351) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	MMRN1 (NM_007351) Human Untagged Clone
Tag:	Tag Free
Symbol:	MMRN1
Synonyms:	ECM; EMILIN4; GPIa*; MMRN
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL6</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC126636 sequence for NM_007351 edited (data generated by NextGen Sequencing)

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Clone variation with respect to NM_007351.2
 2258 g=>t

5' Read Nucleotide Sequence:

>OriGene 5' read for NM_007351 unedited
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3' Read Nucleotide Sequence:

>OriGene 3' read for NM_007351 unedited
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Restriction Sites:

NotI-NotI

ACCN:

NM_007351

Insert Size:

4700 bp

OTI Disclaimer:

Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

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: [NM_007351.2](#), [NP_031377.2](#)

RefSeq Size: 4973 bp

RefSeq ORF: 3687 bp

Locus ID: 22915

UniProt ID: [Q13201](#)

Cytogenetics: 4q22.1

Domains: C1Q, EGF_CA, EGF, EGF

Gene Summary: Multimerin is a massive, soluble protein found in platelets and in the endothelium of blood vessels. It is comprised of subunits linked by interchain disulfide bonds to form large, variably sized homomultimers. Multimerin is a factor V/Va-binding protein and may function as a carrier protein for platelet factor V. It may also have functions as an extracellular matrix or adhesive protein. Recently, patients with an unusual autosomal-dominant bleeding disorder (factor V Quebec) were found to have a deficiency of platelet multimerin. [provided by RefSeq, Jul 2008]