

Product datasheet for **RC239252**

FMN1 (NM_001277314) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	FMN1 (NM_001277314) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	FMN1
Synonyms:	FMN; LD
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

**ORF Nucleotide
Sequence:**

>RC239252 representing NM_001277314
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

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 TTCCAAAGGGGGAAGTCAGAGGATTTTCATACAAGGGCACTGTAACCTCTAGACAGATCCAATAAAGGTTT
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ACGCGTACGCGGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
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Protein Sequence: >RC239252 representing NM_001277314
Red=Cloning site Green=Tags(s)

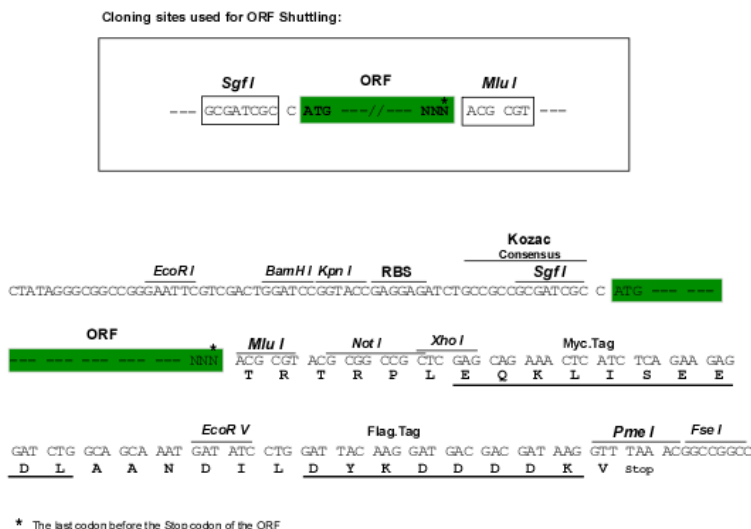
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KPSPPAPAALGKVFNNASQSSTHKQTSVPSPSPRLPSPQQHHRILRLPALGEREAALNDSPCRKSR
VFGCVSADTLEPPSSAKVTETKGASPAFLRAGQPRLVPGETLEKSLGPGKTTAEPQHQSPPAFHWDLQQ
HFOEPVIRTYSISCASNLKEEAGKGKESRSG

TRTRPLEOKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

Cloning Scheme:



ACCN: NM 001277314

ORF Size: 1986 bp

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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [NM_001277314.2](#)

RefSeq Size: 3986 bp

RefSeq ORF: 1989 bp

Locus ID: 342184

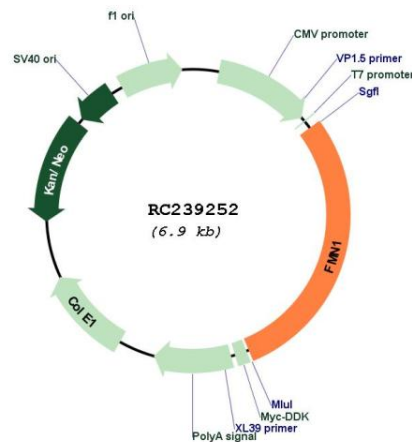
UniProt ID: [Q68DA7](#)

Cytogenetics: 15q13.3

MW: 72.3 kDa

Gene Summary: This gene belongs to the formin homology family and encodes a protein that has a role in the formation of adherens junction and the polymerization of linear actin cables. The homologous gene in mouse is associated with limb deformity. Alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Sep 2015]

Product images:



Circular map for RC239252