

Product datasheet for **MR210029**

Fbln1 (BC007140) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Fbln1 (BC007140) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Fbln1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

**ORF Nucleotide
Sequence:**

>MR210029 representing BC007140
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

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 CAGCCCGAGCGAATGCAGACATCTCCATGGAGGCTTGTGCACGGATGGAAATCAGATGGCTAACCCAGCA
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ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
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Protein Sequence: >MR210029 representing BC007140
 Red=Cloning site Green=Tags(s)

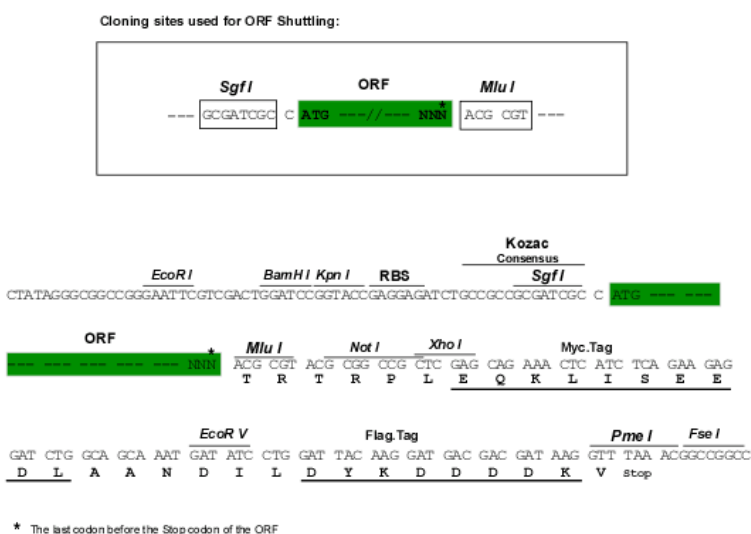
MERPVP SRLVPLPL LLLSSLLAARANADISMEACCTDGNQMANQHRDCSLPYTSESKECRMVQEQCCH
 NQLEELHCATGINLASEPEGCASLHYSNSSLETIFIKRCHCCMLGKASLARDQTCEPIVMISYQCGLVF
 RACCVKARENSDFVQNGADLQDPAKIPDEEDQEDPYLNDRCRGGGPKQQCRDTGDEVICSCFVGYQLQ
 SDGVSCEDINECITGSHNCRLEGESCINTVGSFRCQDRSSCGTGYELTEDNNCKDIDECETGIHNCPPDFI
 CQNTLGSFRCRPLKQCKSGFIQDALGNCIDINECLISISAPCPVGQTCINTEGSYTCQKNVPNCGRGYHLN
 EEGTRCVDVDECSPPAEPCGKGGHCLNSPGSFRCECKAGFYFDGISRTCVDINECQRYPGRLCGHKCENT
 PGSFHCSCSAGFRLSVDGRSCEDVNECLNSPCSQECANVYGSYQCYCRRGYQLSDVDGVTCEIDICALP
 TGGHICSYRCINIPGSFQCSCPSSGYRLAPNGRNCQDIDECVTGIHNCINETCFNIQGSFRCLSFCEPE
 NYRRSADTRCERLPCHENQECPRPLRITYYHLSFPTNIQVPAVVFRMGSSAVPGDSMQLAITAGNEEG
 FFTTRKVS HSHSGVVALTKPIPEPRDLLLTVKMDLYRHGTVSSFVAKLIFVSAEL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mm9005_h01.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:



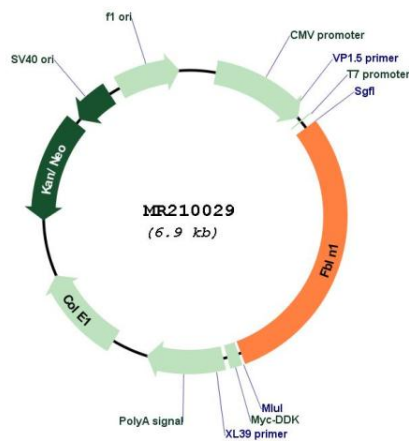
ACCN: BC007140

ORF Size: 2055 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:	<ol style="list-style-type: none"> 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>BC007140.1</u>
RefSeq Size:	2222 bp
RefSeq ORF:	2057 bp
Locus ID:	14114
Cytogenetics:	15 E2
MW:	81.4 kDa
Gene Summary:	Incorporated into fibronectin-containing matrix fibers. May play a role in cell adhesion and migration along protein fibers within the extracellular matrix (ECM). Could be important for certain developmental processes and contribute to the supramolecular organization of ECM architecture, in particular to those of basement membranes.[UniProtKB/Swiss-Prot Function]

Product images:


Circular map for MR210029