

## Product datasheet for **RR201119**

### **Fbln1 (NM\_001127547) Rat Tagged ORF Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Fbln1 (NM_001127547) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Fbln1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**ORF Nucleotide  
Sequence:**

>RR201119 representing NM\_001127547  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGGAGCGCCCCGCGCCGTCGCGCCTCGTCCCGCTGCCGCTGCTGCTCGGCAGCCTCTCGTGTGG  
 CGGCCGAGCGAATGCAGACATCTCCATGGAGGCTTGTGCACGAGGAAATCAAATGGCTAACCAGCA  
 CAGGGACTGCTCGCTCTCTACACCTCAGAATCCAAGGAGTGCAGGATGGTCCAGGAACAGTGTTGTAC  
 AACCAACTGGAGGAGCTGCACTGTGCCACAGGCATCAACCTGGCCAGCGAACAGACGGCTGCGCCTCCC  
 TCCACAACATAACAGTAGCCTCGAGACCATTTCATAAAGAGGTGCTGCCACTGTTGCATGCTGGGAAG  
 GGCAGCCCAGGCCGAGGCCAGACCTGTGAGCCCAACCTCATGATAAGCTACCAGTGTGGACTGGTATTC  
 CGTGCCTGCTGCGTGAAGGGACAGGAGAATTCAGACTTTGTGAGGGCGATGGTACGGACCTTCAGGACC  
 CAGCTAAGATTCCTGAGGAGGAGAACAGAAGACCCATACCTGAACGACCGCTGTGAGGTGGCGGCC  
 CTGTAAGCAGCAGTGCCGTGACACTGGGGATGAGGTCATCTGCTCTTGTGTTGGGCTACCAGCTGCAG  
 TCGGATGGTGTCTCCTGTGAAGATATCAATGAATGCATCACCGGCAGCCATAACTGCCGGCTGGGAGAAT  
 CCTGCATCAACACAGTGGGCTCTTCCGCTGCCAGCGGGACAGCAGCTGTGGGACTGGCTATGAGCTCAC  
 AGAGGATAATAACTGCAAAGATATTGACGAGTGTGAGACTGGTATTTCATAACTGCCCCCCGATTTTATC  
 TGTGAGAACTACTGGGATCCTTCCGTTGCAGACCCAAGCTGCAGTGAAGAGCGGCTTTATACAGGATG  
 CTCTAGGCAACTGCATTGATATCAATGAGTGTAAAGTATCAGTGCCCCATGCCCTGTGGGGCAGACATG  
 CATCAATACAGAGGGCTCCTATACATGTCAGAAGAATGTGCCAACTGTGGCCGTGGATATCATCTCAAC  
 GAAGAGGGGACCCGCTGTGTTGACGTGGATGAGTGCTCACCACCAGCCGAGCCCTGTGGGAAGGGACACC  
 ACTGTTTGAACCTCCCCGCGAGCTTCCGCTGCGAGTGAAGGCCGGTACTATTTTGTGGCATCAGCAG  
 GACCTGTGGATATCAACGAGTGCCAGCGCTATCCTGGGCGCCTGTGTGGCCACAAGTGTGAGAACACG  
 CCAGGCTCCTACCACTGCAGCTGCTCTGCGGGCTTCCGGCTGTCTGTGGACGGCCGGTCTTGTGAAGACG  
 TGAACGAGTGCCTAACAGCCCTTGACGCCAGGAGTGTGCTAACGTCTATGGCTCCTACCAGTGTACTG  
 CCGACGAGGTTATCAGCTCAGTGACGTGGACGGGGTACCTGCGAAGATATTGATGAGTGTGCCCTGCC  
 ACGGGGGTACATCTGCTCCTACCGCTGCATCAACATCCCGGGAAGCTTCCAGTGCAGCTGTCCCTCAT  
 CCGGCTACAGGCTAGCTCCCAATGGTCGCAACTGCCAAGACATTGACGAGTGTGTGACCGGTATCCACAA  
 CTGTTCCATCAACGAGACCTGCTTCAACATCCAGGGCAGCTTCCGCTGTCTATCCTTCGAGTGCCTGAG  
 AACTATCGCCGCTCTGCAGACACCTTTCGCAAGAGAAGACAGACACCGTCCGCTGCATCAAGTCTTGCC  
 GTCCACCGATGAGGCCTGCATGCGGGACCTGTGCATACCGTCTCCACACTGTCTCCTGCCAC  
 CTCCGAGAGTTCACCCGTCCGGAGGAGATCATCTTCTGAGGGCTGTACGCGCGTGTATCCTGCCAAC  
 CAGGCTGACATCATCTTCGACATCACAGAAGGGAACCTTCGAGACTCCTTTGATATCATCAAGCGTATG  
 AGGACGGCATGACTGTGGGTGTCGTGCGCAAGTGCAGCCATCGTGGGCCCATTTTATGCCGTCCTGAA  
 GCTGGAGATGAACACTCGTGTGGAGGCGTGGTTTCCACCGAAGCTCGTCAATGTGCATATCTTTGTC  
 TCTGAGTACTGGTTC

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:** >RR201119 representing NM\_001127547  
 Red=Cloning site Green=Tags(s)

MERPAPSRLVPLPLLLLGLSLLAARANADISMEACCTEGNQMANQHRDCSLSYTSESKECRMVQECCCH  
 NQLEELHCATGINLASEPDGCASLHNYNSSLETIFIKRCHCCMLGRAAQARGQTCEPNLMISYQCGLVF  
 RACCVKQGQENSDFVRGDGTLQDPAKIPEEEEEQEDPYLNDRCRGGGPKQQCRDTGDEVICSCFVGYQLQ  
 SDGVSCEDINECITGSHNCRLEGESCINTVGSFRQCQRDSSCGTGYELTEDNNCKDIDECETGIHNCPPDFI  
 CQNTLGSFRCRPLQCKSGFIQDALGNCIDINECLISAPCPVGTQTCINTEGSYTCQKNVPNCGRGRYHLN  
 EETRCDVDVDECSPPAEPGCGKHHCLNSPGSFRCECKAGYYFDGISRTCDVINECQRYPGRLCGHKCENT  
 PGSYHSCSAGFRLSVDGRSCEDVNECLNSPCSQECANVYGSYQCYCRRGYQLSDVDGVTCEDIDECALP  
 TGGHICSYRCINIPGSFQCSCPSSGYRLAPNGRNCQDIDECVTVGIHNCINETCFNIQGSFRCLSFECPE  
 NYRRSADTFRQEKDTRVRCIKSCRPTDEACMRDPVHTVSHTVISLPTFREFTRPEEIIIFLRAVTPLYPAN  
 QADIIIFDITEGNLRDSFDIIKRYEDGMTVGVVRQVRPIVGPFFYAVLKLEMNYVLGGVVSHRNVVNVHIFV  
 SEYWF

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:**

Sgfl-MluI

**Cloning Scheme:**

Cloning sites used for ORF Shuttling:



\* The last codon before the Stop codon of the ORF

**ACCN:** NM\_001127547

**ORF Size:** 2115 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.

**RefSeq:** [NM\\_001127547.1](#), [NP\\_001121019.1](#)

**RefSeq Size:** 2787 bp

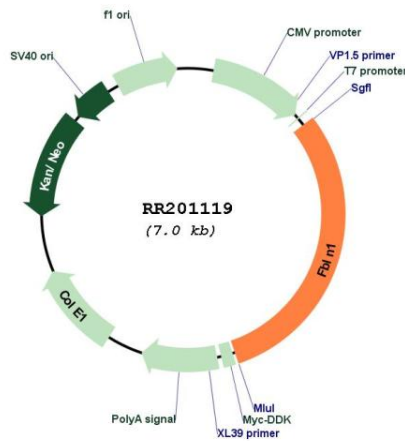
**RefSeq ORF:** 2118 bp

**Locus ID:** 315191

**Cytogenetics:** 7q34

**MW:** 78.1 kDa

**Product images:**



Circular map for RR201119