

## Product datasheet for **MC200882**

### Fbln2 (NM\_001081437) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Fbln2 (NM_001081437) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Fbln2
Synonyms:	5730577E14Rik; FIBL-2
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)

**Fully Sequenced ORF:** >BC005443 sequence for NM\_001081437  
GGCCTGGCTAGTCCCCTCTTCTCCAACCCCGAGCCGCGCCACCCGGACTCTGGATTCACCGACGGCG  
GGTGCGCGGACAGACTGACGGCGGCGCAGCTCAACACAGAGACACCGGGGACTCCTGAGACATGATGCTCC  
AGGAATCTGCAGGAGTGTGGCTGGCCTTGCTCTGGTCAAGCTCTGACTCCGAGCCCAAGCATGGCCGT  
CCCGTGGCAGGATTGCACAGGTGCTGAGTGTCCCTGCTGGAGAAGTGCATCGAGGAGGCGTTGGAGCCA  
GGAGCCTGCTGTGCTACCTGTGTGCAGCAGGGCTGTGCCTGCGAAGGCTACCACTACTACGACTGCGTAC  
AAGGAGGGTTTGTGGATGGCCGTGTACCAGCCGGCCAGTCTACTTTGTGGACTTTGGCAGCACCAGTGT  
CTCCTGCCACCCGGTGGTGGCAAGATCAGCTGCCAGTTCATGCTGTGCCCTGAGCTACCACCAACTGC  
ATTGAAGTGTAGTAGTACCGACAGCTGCCCGCAGTGTGGCCAGGTGGGCTGTGTCCACAGTGGCCGTA  
AGTATGCTGCTGGCCATACCGTCCACCTCTCATCTGCCGGGCTTGCCACTGTCTGACGCTGGTGGTGA  
GCTCATTTGCTACCAGCTTCTGGTTGCCATGGGAAGTCTCGGATGCTGAGGAGGTGACTCTGAGAGG  
CAGTATGAAGACCCTACAGCTATGACCAGGAGGTGGCAGAGGCAGAAGCTACTACGGCCATTGTGAACG  
AGGTCCAGGCAGGTGCAGAGGGCCCCAGCTGCTCTGGGAGGAGGAATCTGCCACCGTCTCCATCAG  
AGTAACACCTGGCCAGTTGCCCTTCCCAGACCCACAGCAGCTGCTGCCCTGGGTCCCCAGCACCTGTG  
CAGGCCAAAGCCAGGAGAGTACATTTGACACTGAAGAGGATGAGGAGGAAGAAGAGGAGGAGACTAG  
TCACTGAGCCACCAACAGCAGGCAGTCTTGAAGGCTGGACAGCCTGCCACAAGATCCCCAGCCAGACC  
TGGTTTCCCTGTCCAGGAGAAGGAGGCTGAAGCTAAGGCAGGGCTGAGGAAAACCTTATTCCTGATGCC  
CAGGTCACTCCTCGAAGTGTATGCAGGAGGGTGTGCACCTCTGCCAAGGTGAGGCTGAGGCTGCTCTCA  
GTCCATCTTGCCACTGACAGCTCTTTCAGAGGACCCAGTAAAGCCAGCGGTCAACCCACTCTATCTAC  
ACTGCCACCTGACCGAGCCAGGTCTCCCCTCCCAGAGACACCTGAAGAAATACCCAGCATCCACAG  
TTGCTACCTCGATTCCGGGCGAGAAGAAGACATAGACCCCAACTCAGTACATTCTGTCCCCAGAGGTGATC  
TTGATGGCTCCACCAAGGACCTAATCGAGACCTGTTGTGCAGCGGGCCAGCAGTGGGCCATCGACAATGA  
TGAGTGCCAGGAGATCCCCGAGAATGGTGGCCAGAGTACATCTGTAGGATAGCCAGAGGCAATGCTGC  
ATCTCCTACTTGAAGAGAAGAGCTGTGTGGCTGGGGTTCATGGGAGCCAAGGAGGTTGAGACCTGTGGAG  
CAGAGGACAATGATACCTGCGGCGTCTCACTCTACAAGCAATGCTGTGACTGCTGTGGCTGGGACTCCG  
AGTGCGGGCTGAGGGCCAGTCTGTGTGAGTCCAACCCCAACCTTGGCTATCCCTGCAACCATGTCATGCTC  
TCCTGCTGTGAAGGTGAAGAGCCCTCATAGTGCCTGAGGTCCGCGGCCACCAGAGCCCGAGGCTGCTC



[View online >](#)

```

CTCGCAGAGTTTCAGAGACGGAGATGGCAAGCCGGGAGGCCCTGTCACTGGGCACAGAGGCTGAACTGCC
CAATAGCCTGCCGGGAGATGACCAGGATGAGTGCCTGATGCTCCCTGGGGAGCTTTGCCAGCATCTTTGC
ATCAACACCGTCGGCTCCTACCGCTGTGCCTGCTTCCCTGGATTTCGAGCTGCAGGGTGATGGCCGTACCT
GCCGCCAGATAGAGGTGCCACAGTTGGACTGCACGAGAGTCTGCACCGAGGTCTGAGTCTGCCCA
GGTATCTCCCAACACCATCCCCTGCGGTGCCACAGCCCAACACCTGCAAAGACAATGGGCCCTGCCGT
CAGGTGTGTCGTGTTGTTGGGGACACAGCTATGTGCTCCTGTTTCCCTGGCTACGCCATCATGGCAGATG
GTGTGCCTGTGAAGACATCAATGAGTGTGTGACAGACCTGCACACGTGCACCCGGGCCGAGCAGTGTGT
GAACACACCAGGTTCTTCCAATGCTACAAGGCGCTCACCTGTGAGCCAGGCTATGTCCTCACAGATGGT
GAATGCACAGACGTGGACGAATGTGTGACGGGCACACACAACCTGCCAGGCAGGCTTCTCATGCCAGAACA
CCAAGGGCTCCTTCTACTGCCAGGCCGGCAACGCTGCATGGATGGCTTCTTGCAGGACCCCGAGGGCAA
CTGTGTGGACATCAACGAATGCACATCGTTACTGGAGCCTTGCCGCTCAGGGTTCAGCTGCATCAACACA
GTGGGCTCCTACACCTGTGAGAGAACCCACTGGTCTGCGGTGCGGTTACCATGCTAACGAGGAGGGCT
CTGAATGTGTGGATGTGAATGAGTGTGAGACAGGTGTGCATCGCTGTGGCGAGGGCCAACGTGTCTATAA
CCTCCCTGGATCCTACCGCTGTGACTGCAAGCCTGGCTTCCAGAGGGATGCATTCGGCAGGACTTGCATT
GATGTGAACGAATGCTGGGTCTCGCCGGGCCCTGTGCCAGCACACATGTGAGAACACACCCGGGCTCCT
ACCGCTGCTCCTGCGCTGCTGGCTTCTTTGGCCGAGATGGCAAACATTGTGAAGATGTGAACGAGTG
CGAGACTCGGCGCTGCAGCCAGGAATGTGCCAACATCTATGGCTCCTATCAGTGCTACTGCCGTCAGGGC
TACCAGCTGGCAGAGGATGGGCATACCTGCACAGACATCGATGAGTGTGCACAGGGCGCGGGCATTCTCT
GTACCTTCCGCTGTGTAACGTGCCTGGGAGCTACCAAGTGTGCATGCCAGAGCAGGGGTATACAATGAT
GGCCAACGGGAGGTCCTGCAAGGACCTGGATGAGTGTGCACTGGGCACCCACAACCTGCTCTGAGGCTGAG
ACCTGCCACAATATCCAGGGGAGTTTCCGCTGCCTGCGCTTTGATTGTCCACCCAACATGTCCGTGTCT
CAGAAACGAAGTCCGAGCGCACCATGCCAGGATATCACGGAATGTCAAACCTACCAGCTCGCATCAC
GCACTACCAGCTCAATTTCCAGACAGGCTACTGGTACCTGCACATATCTTCCGCATCGGCCCTGTCCC
GCCTTTGCTGGGGACACCATCTCCCTGACCATCACGAAGGGCAATGAGGAGGGTACTTCTGTCACACGCA
GACTCAATGCCTACACTGGTGTGGTATCCCTGCAGCGGTCTGTTCTGGAGCCGCGGGACTTTGCCCTAGA
TGTGGAGATGAAGCTTTGGGCCAGGGCTCTGTCACTACCTTCTGGCCAAGATGTACATCTTCTTACC
ACTTTTGGCCCATGAGGTGACATGTGAGCAATCCCTCCAGGTGATGCCTGGGCGGTGGGACGCTGCGCC
ACTCCTAAGTGGCTTTTGTGTGACTCTGTAACCTAACCTAATCATGCTGAGCTGGTGGTCTTGTGAGTC
TCTACCCTAGAGGGAGGGAGATGCACCCAGCAGGCACTGAGTACAGGCCAGGGTACCCGAGGCTAGAT
GGTGACCTGCAAACCTGAAACAGCCATAGGGGGCTTCTGAACTCCACTCCTCAACTATGGCTACAGCTGA
CATTCCATTCCTTCATCCACTGTGTTCCCTCAATTAATAAAAAAAAAAAAAA
    
```

- Restriction Sites:** RsrII-NotI
- ACCN:** NM\_001081437
- Insert Size:** 3525 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:** [BC005443](#), [AAH05443](#)

**RefSeq Size:** 3969 bp

**RefSeq ORF:** 3525 bp

**Locus ID:** 14115

**Cytogenetics:** 6 40.42 cM

**Gene Summary:** Its binding to fibronectin and some other ligands is calcium dependent. May act as an adapter that mediates the interaction between FBN1 and ELN.[UniProtKB/Swiss-Prot Function]  
Transcript Variant: This variant (2) lacks an alternate in-frame exon in the 3' coding region, compared to variant 1. It encodes isoform b, which lacks an internal segment and is shorter, compared to isoform a.