

## Product datasheet for **SC214901**

### Filamin B (FLNB) (NM\_001164318) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	Filamin B (FLNB) (NM_001164318) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	FLNB
Synonyms:	ABP-278; ABP-280; AOI; FH1; FLN-B; FLN1L; LRS1; SCT; TABP; TAP
ACCN:	NM_001164318
Insert Size:	1519 bp



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**Insert Sequence:** >SC214901 3'UTR clone of NM\_001164318  
 The sequence shown below is from the reference sequence of NM\_001164318. The complete sequence of this clone may contain minor differences, such as SNPs.  
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAACGCATCGCC
GGCAGCCCTTTTCATGTCACAGTGCCTTAAAACAGTTTTTCTCAAATCCTGGAGAGAGTTCTGTGGTTG
CTTTTGTGCTTGTGTAATTCATTTTATACAAGCCCTCCAGCCTGTTTGTGGGGCTGAAACCCCAT
CCCTAAAATATTGCTGTTGTAATAATGCCTTCAGAAATAAGTCCTAGACTGGACTCTTGAGGGACATATT
GGAGAATCTTAAGAAATGCAAGCTTGTTCAGGGGGCTGAGAAGATCCTGAGTACACTAGGTGCAAACCA
GAACTCTTGGTGAACAGACCAGCCACTGCAGCAGACAGACCAGGAACACAATGAGACTGACATTTCAA
AAAAACAAAATGGCTAGCCTGAGCTGCTGGTTCCTCTCAGCATTTATGAAACAAGGCTAGGGGAAG
ATGGGCAGAGAAAAAGGGGACACCTAGTTTGGTTGTCATTTGGCAAAGGAGATGACTTAAATCCGCTT
AATCTCTCCAGTGTCCGTGTTAATGTATTTGGCTATTAGACTAGCTAGCTGCTTACCCTCCTCAT
CGCCAACACCCCATGCTCTGTGGCCTTCTTACTTCTCAGAGGGCAGAGTGGCAGCCGGGCACCCTA
CAGAAACTCAGAGGGCAGAGTGGCAGCCAGGCCACATGTCTCTCAAGTACCTGTCCCCTCGCTCTGGT
GATTATTTCTTGAGAATCACCACACGAGACCATCCCGGCAGTCATGGTTTTGCTTTAGTTTTCCAAGT
CCGTTTCAGTCCCTTCTTGGTCTGAAGAAATCTGCAGTGGCGAGCAGTTTCCCACTTGCCAAAGATC
CCTTTTAAACCAACTAGCCCTTGTTTTAAACACACGCTCCAGCCCTTCATCAGCCTGGGCAGTCTTAC
CAAAATGTTTAAAGTGATCTCAGAGGGGCCATGGATTAACGCCCTCATCCAAGTCCGTCCCATGAC
ATAACTCCACACCCGCCAGCCAACTTCATGGTCACTTTTTCTGGAAAATAATGATCTGTACAGA
CAGGACAGAATGAAACTCCTGCGGGTCTTTGGCCTGAAAGTTGGGAATGGTTGGGGGAGAGAAGGGCAG
CAGCTTATTGGTGGTCTTTTACCATTGGCAGAAACAGTGAGAGCTGTGTGGTGCAGAAATCCAGAAAT
GAGGTGTAGGAATTTTGCCTGCCTTCTGCAGACCTGAGCTGGCTTTGGAATGAGGTTAAAGTGTGAG
GGACGTTGCCTGAGCCAAATGTGTAGTGTGGTCTGGGCAGGCAGACCTTAAAGTTTTGCTGCTTAGTC
CTGAGGAAGTGGCCACTCTTGTGGCAGGTGTAGTATCTGGGGCAGTGTGGGGTAAAAGCCACCCCT
ACAGAAAGTGGAAACAGCCCGGAGCCTGATGTGAAAGGACCACGGGTGTTGTAAGCTGGGACACGGAAGC
CAAAGTGAATCAAACGCCGACTGTAAATTGTATCTTATAACTTATTAATAAAAACATTTGCTCCGTAAA
ACGCGTAAGCGGCCGCGGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
```

**Restriction Sites:** SgfI-MluI

**OTI Disclaimer:** Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).

**Components:** The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

**RefSeq:** [NM\\_001164318.2](#)

**Summary:** This gene encodes a member of the filamin family. The encoded protein interacts with glycoprotein Ib alpha as part of the process to repair vascular injuries. The platelet glycoprotein Ib complex includes glycoprotein Ib alpha, and it binds the actin cytoskeleton. Mutations in this gene have been found in several conditions: atelosteogenesis type 1 and type 3; boomerang dysplasia; autosomal dominant Larsen syndrome; and spondylocarpotarsal synostosis syndrome. Multiple alternatively spliced transcript variants that encode different protein isoforms have been described for this gene. [provided by RefSeq, Nov 2009]

**Locus ID:** 2317

**MW:** 57.2