

## Product datasheet for **SC212540**

### Fibronectin (FN1) (NM\_212475) Human 3' UTR Clone

#### Product data:

**Product Type:** 3' UTR Clones  
**Product Name:** Fibronectin (FN1) (NM\_212475) Human 3' UTR Clone  
**Vector:** pMirTarget (PS100062)  
**Symbol:** FN1  
**Synonyms:** CIG; DKFZp686F10164; DKFZp686H0342; DKFZp686I1370; DKFZp686O13149; ED-B; FINC; FN; FNZ; GFND  
**ACCN:** NM\_212475  
**Insert Size:** 1145 bp  
**Insert Sequence:** >SC212540 3'UTR clone of NM\_212475

The sequence shown below is from the reference sequence of NM\_212475. The complete sequence of this clone may contain minor differences, such as SNPs.  
**Blue**=Stop Codon **Red**=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAGCGATCGCC
CAGGCTGACAGAGAAGATTCCCGAGAGTAAATCATCTTTCCAATCCAGAGGAACAAGCATGTCTCTCTG
CCAAGATCCATCTAACTGGAGTGATGTTAGCAGACCCAGCTTAGAGTTCTTCTTTCTTTCTTAAGCCC
TTTGCTCTGGAGGAAGTTCTCCAGCTTCAGCTCAACTCACAGCTTCTCCAAGCATCACCCCTGGGAGTTT
CCTGAGGGTTTTCTCATAAATGAGGGCTGCACATTGCCTGTTCTGCTTGAAGTATTCAATACCGCTCA
GTATTTTAAATGAAGTGATTCTAAGATTTGGTTTGGGATCAATAGGAAAGCATATGCAGCCAACCAAGA
TGCAAAATGTTTTGAAATGATATGACCAAAATTTAAGTAGGAAAGTCACCCAAACACTTCTGCTTTCAC
TTAAGTGTCTGGCCCGCAATACTGTAGGAACAAGCATGATCTTGTACTGTGATATTTAAATATCCAC
AGTACTCACTTTTTCCAATGATCCTAGTAATTGCCTAGAAATATCTTTCTTTACCTGTTATTTATCA
ATTTTTCCAGTATTTTTATACGAAAAAATTGATTGAAAACACTTAGTATGCAGTTGATAAGAGGAA
TTTGGTATAATTATGGTGGGTGATTATTTTTTACTGTATGTGCCAAAGCTTTACTACTGTGGAAAGA
CAACTGTTTTAATAAAAAGATTTACATCCACAACCTTGAAGTTCATCTATTTGATAAAGACACCTTCGG
GGGAAATAATTCCTGTGAATATTTCTTTCAATTCAGCAAAACATTTGAAAATCTATGATGTGCAAGTCT
AATTGTTGATTTAGTACAAGATTTTCTAAATCAGTTGCTACAAAACCTGATTGGTTTTTGTCACTTCA
TCTCTTACTAATGGAGATAGCTTTACACTTTCTGCTTTAATAGATTTAAGTGGACCCCAATATTTATT
AAAATTGCTAGTTTACCGTTTCAGAAGTATAATAGAAAATATCTTTAGTTGCTCTTTTCTAACCATTGTA
ATTCTTCCCTTCTCCCTCCACCTTTCTTCAATGAATAAACCTCTGTTCAAAGAGATTGCCTGCAAGG
GAAATAAAAAATGACTAAGATATTAATAAAAAAAAAAAAAAAAAA
ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTGATTCCACCGCCGCTTCTATGAAAGG
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**Restriction Sites:** SgfI-MluI



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|------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>OTI Disclaimer:</b> | 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).                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Components:</b>     | 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.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>RefSeq:</b>         | <u><a href="#">NM_212475.1</a></u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Summary:</b>        | This gene encodes fibronectin, a glycoprotein present in a soluble dimeric form in plasma, and in a dimeric or multimeric form at the cell surface and in extracellular matrix. The encoded preproprotein is proteolytically processed to generate the mature protein. Fibronectin is involved in cell adhesion and migration processes including embryogenesis, wound healing, blood coagulation, host defense, and metastasis. The gene has three regions subject to alternative splicing, with the potential to produce 20 different transcript variants, at least one of which encodes an isoform that undergoes proteolytic processing. The full-length nature of some variants has not been determined. [provided by RefSeq, Jan 2016] |
| <b>Locus ID:</b>       | 2335                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>MW:</b>             | 45                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |