

## Product datasheet for **SC209656**

### Periostin (POSTN) (NM\_001135935) Human 3' UTR Clone

#### Product data:

**Product Type:** 3' UTR Clones  
**Product Name:** Periostin (POSTN) (NM\_001135935) Human 3' UTR Clone  
**Vector:** pMirTarget (PS100062)  
**Symbol:** POSTN  
**Synonyms:** OSF-2; OSF2; PDLPOSTN; PN  
**ACCN:** NM\_001135935  
**Insert Size:** 778 bp  
**Insert Sequence:** >SC209656 3'UTR clone of NM\_001135935  
 The sequence shown below is from the reference sequence of NM\_001135935. The complete sequence of this clone may contain minor differences, such as SNPs.  
 Blue=Stop Codon Red=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
AGACGATTAAGGGAAGGTCGTTCTCAGTGAATAATCCAAAAACGAAAAAATGTTTATACAACCCTAA
GTCAATAACCTGACCTTAGAAAATTGTGAGAGCCAAGTTGACTTCAGGAACCTGAAACATCAGCACAAAG
AAGCAATCATCAAATAATTCTGAACACAAATTTAATATTTTTTTTTCTGAATGAGAAACATGAGGGAAA
TTGTGGAGTTAGCCTCCTGTGGTAAAGGAATTGAAGAAAATATAACACCTTACACCCTTTTTTCATCTTG
ACATTAAGTTCTGGCTAACCTTGAATCCATTAGAGAAAAATCCTTGTACCAGATTCATTACAATT
CAAATCGAAGAGTTGTGAAGTGTATCCCATGAAAAGACCGAGCCTTGTATGTATGTTATGGATACAT
AAAATGCACGCAAGCCATTATCTCTCCATGGGAAGCTAAGTTATAAAAAATAGGTGCTTGGTGTACAAAA
CTTTTTATATCAAAGGCTTTGCACATTTCTATATGAGTGGGTTACTGGTAAATATGTTATTTTTTA
CAACTAATTTGTACTCTCAGAATGTTTGTATATGCTTCTTGAATGCATATTTTTTAATCTCAAACG
TTTCAATAAAACCATTTTCAGATATAAAGAGAATTACTTCAAATGAGTAATTCAGAAAAACTCAAGA
TTTAAGTTAAAAAGTGGTTGGACTTGGGAACAGGACTTTATACCTCTTTTACTGTAACAAGTACTCAT
TAAAGGAAATTGAATGAAA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
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).



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<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_001135935.2</a></u>
<b>Summary:</b>	This gene encodes a secreted extracellular matrix protein that functions in tissue development and regeneration, including wound healing, and ventricular remodeling following myocardial infarction. The encoded protein binds to integrins to support adhesion and migration of epithelial cells. This protein plays a role in cancer stem cell maintenance and metastasis. Mice lacking this gene exhibit cardiac valve disease, and skeletal and dental defects. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Sep 2015]
<b>Locus ID:</b>	10631
<b>MW:</b>	30.1