

Product datasheet for **SC209657**

Periostin (POSTN) (NM_001135936) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	Periostin (POSTN) (NM_001135936) Human 3' UTR Clone
Symbol:	Periostin
Synonyms:	OSF-2; OSF2; PDLPOSTN; PN
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_001135936
Insert Size:	778 bp
Insert Sequence:	>SC209657 3'UTR clone of NM_001135936 The sequence shown below is from the reference sequence of NM_001135936. 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
AGACGATTAAGGGAAGGTCGTTCTCAGTGA AAAATCCAAAAACCAGAAAAAATGTTTATACAACCCTAA
GTCAATAACCTGACCTTAGAAAATTGTGAGAGCCAAGTTGACTTCAGGAAGTAAACATCAGCACAAG
AAGCAATCATCAAATAATTCTGAACACAAATTTAATATTTTTTTTTCTGAATGAGAAACATGAGGGAAA
TTGTGGAGTTAGCCTCCTGTGGTAAAGGAATTGAAGAAAATATAACACCTTACACCCTTTTTCATCTTG
ACATTAAGTTCTGGCTAAGTTGGAATCCATTAGAGAAAAATCCTTGTACCAGATTCATTACAATT
CAAATCGAAGAGTTGTGAAGTGTATCCATTGAAAAGACCGAGCCTTGTATGTATGTTATGGATACAT
AAAATGCACGCAAGCCATTATCTCTCCATGGGAAGCTAAGTTATAAAAATAGGTGCTTGGTGTACAAAA
CTTTTTATATCAAAGGCTTTGCACATTTCTATATGAGTGGGTTTACTGGTAAATATGTTATTTTTTA
CAACTAATTTTGTACTCTCAGAAATGTTTGCATATGCTTCTTGAATGCATATTTTTTAATCTCAAACG
TTTCAATAAAACCATTTTTCAGATATAAAGAGAATTACTTCAAATGAGTAATTCAGAAAAACTCAAGA
TTTAAGTTAAAAAGTGGTTTGGACTTGGGAACAGGACTTTATACCTCTTTTACTGTAACAAGTACTCAT
TAAAGGAAATTGAATGAAA
ACGCGT AAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCCTTCTATGAAAGG

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Restriction Sites: Sgfl-Mlul



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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:	<u>NM_001135936.2</u>
Summary:	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]
Locus ID:	10631
MW:	30.1