

## Product datasheet for **SC216718**

### PAI1 (SERPINE1) (NM\_001165413) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	PAI1 (SERPINE1) (NM_001165413) Human 3' UTR Clone
Symbol:	PAI1
Synonyms:	PAI; PAI-1; PAI1; PLANH1
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_001165413
Insert Size:	1871 bp



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**Insert Sequence:** >SC216718 3'UTR clone of NM\_001165413  
 The sequence shown below is from the reference sequence of NM\_001165413. The complete sequence of this clone may contain minor differences, such as SNPs.  
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
CTTTTCATGGCCAAGTATGGAACCCTGACCCTGGGAAAGACGCCTTCATCTGGGACAAAACCTGGAG
ATGCATCGGGAAAGAAGAACTCCGAAGAAAAGAAATTTAGTGTTAATGACTCTTTCTGAAGGAAGAGA
AGACATTTGCCTTTTGTAAAAGATGGTAAACCAGATCTGTCTCCAAGACCTTGGCCTCTCCTTGGAGG
ACCTTTAGGTCAAACCTCCTAGTCTCCACCTGAGACCCTGGGAGAGAAGTTTGAAGCACAACCTCCCTTA
AGGTCTCAAACCAGACGGTGACGCCTGCGGGACCATCTGGGGCACCTGCTTCCACCCGCTCTCTGCC
CACTCGGGTCTGCAGACCTGGTCCCCTGAGGCCCTTGCAGGATGGAACACGGGGCTTACAGGAGC
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CACTGGCCACCCCTCCCAAGTACAGGGGTGCTGCAGGTGGCAGAGTGAATGTCCCCCATCATGTGGCCC
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GCCCTTGAGTGCCTTGTAGAGAGAAAGAGAAGTAAAGGAAATAATATTTAACTCGCTCCTAG
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TCTTTTTCCCCTTGATGGAAATTGACCATAACAATTTTCATCCTCCTCAGGGGATCAAAGGACGGAGTG
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CAGCCTGGGCAACATACCAAGACCCCGTCTCTTTAAAAATATATATATTTTAAATATACTTAAATATA
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TGGGGTTTTCTTTCTTTCTTTTGGATTTGCACTGGACGGTACGTCAGCCATGTACAGGATCCACA
GGGGTGGTGTCAAATGCTATTGAAATTGTGTTGAATTGTATGCTTTTCACTTTTGATAATAAACATG
TAAAAATGTTTCAAAAAAATAATAAAATAAATAACGAAGAATATGTCAGGACAGTCAAAAAA
AAAAAAA
ACGCGTAAGCGGCCGCGGCATCTAGATTCAAGAAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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**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\\_001165413.2](#)

**Summary:** This gene encodes a member of the serine proteinase inhibitor (serpin) superfamily. This member is the principal inhibitor of tissue plasminogen activator (tPA) and urokinase (uPA), and hence is an inhibitor of fibrinolysis. The protein also functions as a component of innate antiviral immunity. Defects in this gene are the cause of plasminogen activator inhibitor-1 deficiency (PAI-1 deficiency), and high concentrations of the gene product are associated with thrombophilia. [provided by RefSeq, Aug 2020]

**Locus ID:** 5054

**MW:** 70.5