

## Product datasheet for SC201008

### SERPINB1 (NM\_030666) Human 3' UTR Clone

#### Product data:

**Product Type:** 3' UTR Clones  
**Product Name:** SERPINB1 (NM\_030666) Human 3' UTR Clone  
**Vector:** pMirTarget (PS100062)  
**Symbol:** SERPINB1  
**Synonyms:** EI; ELANH2; HEL-S-27; HEL57; LEI; M/NEI; MNEI; PI-2; PI2  
**ACCN:** NM\_030666  
**Insert Size:** 1306 bp  
**Insert Sequence:** >SC201008 3'UTR clone of NM\_030666  
 The sequence shown below is from the reference sequence of NM\_030666. 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
CTATTCTGGGGAGATTTTCTCCCTTAGAAGAAAGAGACTGTAGCAATACAAAAATCAAGCTTAGTG
CTTTATTACCTGAGTTTTAATAGAGCCAATATGCTTATATCTTTACCAATAAAACCAGTTCAGAA
ACAAGTCTTTCATTTTCTTTGTAAGTTTGGCTCTGTTGGCTGTTACACCCATGAATTTTGGCATGGGT
ATCTATTTTTCTTTTTACATTGAAAAAATCCAGTGGTTGCTTTTGAATGCATCAAGTAAAGAAGAAG
AAAAGAATACATCCGATGCGTAGATTCTTGACCATGTAGTAATCTATAAAATTGCTATATCCTCCTGAT
AGCCATGGGAAAACATGATAAGATGGTCATTTATTTTGCAGTTAGAATTTTGAAGCCACAAAATAGAC
AGACACCCTGACTGTTGAAGGGAGGTTAAAAACAGATATTCAATTGAAATGTAAGAGAGCACCCCAAT
TGAGAGCCAGGTTACGAAGACAAGCTTGCCCTGCCTGACTTTTTCTGTCCTTGTCTGCAGGATTAGT
ATTCTGTTACAGACCTCTAGTTTTTAGACTCTTCAATTAAGGGCCAATGGTTATAACCTGCATTCCCT
TTTTTGTCTCTTTATGTATAATATATAGTTCATGTGGCGCTGCATGAAATCAAGAAGTGGGTGTCTT
AGGATAAAAGATACCAAGAGTCTACAAAAATAACCATGTAGTAAGATAAACTGCTGAACAAGGTTTTTA
CTGTTAGCCACCTTCTCATGTGTTTTCTTTCTTTTTCTTTTTCTTTCTTTCTTTTTTTTTTTTTTT
TTTGAGACAGAGTCTTGCTCTGTTACCCAGGCTGGAGTGCAGTGGCAGCATCTCAGCTCACCCGAACCT
CTGCCTCCTGGGTTCAAGTGATTCTCTTGCTTCAGCCTCCTGAGTAGCTGGGATTATAGGCATGCACCA
CTAGGCCTGGCTAATTTTTGTATTTTTAGTAGAGATGGGGTTTTTCCATGTTGGCCAGGCTGGTCCCGA
ACTCCTGACCTCAGGTGATCCGCGCACCTCAGCCTCCCAAAGTGTGGGATTACAGGCATGAGCTACCA
TGCCCTGGCCTTCTCATGTGTTTTCTGATTAAGGCTCTTGACTTCCAAGGCTGTGTGGGAGATGGGGTG
GGGGCTCTTGACTGATATAAACTTTGCAAAATGTAGTTCTTTGAATGGAGCTTGAACGCCGCATAT
TCTTGCTCCACAAAGGATAGTGGGCATCATGAATTAATAAAACGTCCTAGGATTCTGCAAGCTA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
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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>         | <a href="#">NM_030666.4</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Summary:</b>        | The protein encoded by this gene is a member of the serpin family of proteinase inhibitors. Members of this family maintain homeostasis by neutralizing overexpressed proteinase activity through their function as suicide substrates. This protein inhibits the neutrophil-derived proteinases neutrophil elastase, cathepsin G, and proteinase-3 and thus protects tissues from damage at inflammatory sites. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Aug 2012] |
| <b>Locus ID:</b>       | 1992                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>MW:</b>             | 50.4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |