

## Product datasheet for **SC201544**

### **SERPINB6 (NM\_004568) Human 3' UTR Clone**

#### Product data:

Product Type:	3' UTR Clones
Product Name:	SERPINB6 (NM_004568) Human 3' UTR Clone
Symbol:	SERPINB6
Synonyms:	CAP; DFNB91; MSTP057; PI-6; PI6; PTI; SPI3
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_004568
Insert Size:	169 bp
Insert Sequence:	>SC201544 3'UTR clone of NM_004568 The sequence shown below is from the reference sequence of NM_004568. The complete sequence of this clone may contain minor differences, such as SNPs. <b>Blue</b> =Stop Codon <b>Red</b> =Cloning site  GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAA <b>GCGATCGCC</b> CTCTTCTGCGGCCGCTTTTCTCTCCG <b>TGA</b> GGACAGGGCAGTCTTGGTGTGCAGCCCCTCTCCTCTGTG TCCCCTGACACTCCACAGTGTGCCTGCAACCCAAGTGGCCTTATCCGTGCAGTGGTGGCAGTTCAGAAA TAAAGGGCCCATTTGTGGGATGCCGATTCA <b>ACGCGT</b> AAGCGGCCGCGCATCTAGATTGGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
Restriction Sites:	Sgfl-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:	<u><a href="#">NM_004568.6</a></u>



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**Summary:**

The protein encoded by this gene is a member of the serpin (serine proteinase inhibitor) superfamily, and ovalbumin(ov)-serpin subfamily. It was originally discovered as a placental thrombin inhibitor. The mouse homolog was found to be expressed in the hair cells of the inner ear. Mutations in this gene are associated with nonsyndromic progressive hearing loss, suggesting that this serpin plays an important role in the inner ear in the protection against leakage of lysosomal content during stress, and that loss of this protection results in cell death and sensorineural hearing loss. Alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Sep 2010]

**Locus ID:**

5269

**MW:**

5.9