

## Product datasheet for SC119033

### SERPINA6 (NM\_001756) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	SERPINA6 (NM_001756) Human Untagged Clone
Tag:	Tag Free
Symbol:	SERPINA6
Synonyms:	CBG
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC119033 sequence for NM_001756 edited (data generated by NextGen Sequencing)

```

ATGCCACTCCTCTGTACACCTGTCTTCTCTGGCTGCCACCAGCGGCCTCTGGACCGTC
CAGGCCATGGATCCTAACGCTGCTTATGTGAACATGAGTAACCATCACCGGGCCTGGCT
TCAGCCAACGTTGACTTTGCCTTCAAGCCTAGTGGCCTTGGTCCCAA
AAGAACATTTTCTCTCCCTGTGAGCATCTCCATGGCCTTAGCTATGCTGTCCCTGGGC
ACCTGTGGCCACACACGGGCCAGCTTCTCCAGGGCCTGGGTTTCAACCTCACTGAGAGG
TCTGAGACTGAGATCCACCAGGGTTTCCAGCACCTGCACCACTCTTGGCAAAGTCAGAC
ACCAGCTAGAAATGACCATGGCAATGCCTTGTCTTCTGATGGCAGCCTGGAGTTGCTG
GAGTCATTCTCAGCAGACATCAAGCACTACTATGAGTCAGAGGCTTGGCTATGAATTC
CAGGACTGGGCAACAGCCAGCAGACAGATCAACAGCTATGTCAAGAATAAGACACAGGGG
AAAATTGTCGACTTGTTTTAGGGCTGGATAGCCAGCCATCCTCGTCTGGTCAACTAT
ATCTTCTTCAAAGGCACATGGACACAGCCCTTTGACCTGGCAAGCACCAGGGAGGAGAAC
TTCTATGTGGACGAGACAACGTGGTGAAGGTGCCCATGATGTTGCAGTCGAGCACCATC
AGTTACCTTATGACGCGGAGCTCCCCTGCCAGCTGGTGCAGATGAACTACGTGGGCAAT
GGGACTGTCTTCTTATCCTTCCGGACAAGGGGAAGATGAACACAGTCATCGCTGCACTG
AGCCGGGACACGATTAACAGGTGGTCCGACGGCCTGACCAGCAGCCAGGTGGACCTGTAC
ATTCCAAAGGTCACCATCTCTGGAGTCTATGACCTCGGAGATGTGCTGGAGGAAATGGGC
ATTGCAGACTTGTTCAACCAACCAGGCAAATTTCTCACGCATCACCCAGGACGCCAGCTG
AAGTCATCAAAGGTGGTCCATAAAGCTGTGCTGCAACTCAATGAGGAGGGTGTGGACACA
GCTGGCTCCACTGGGTCACCCTAAACCTGACGTCCAAGCCTATCATCTTGCCTTCAAC
CAGCCCTTCATCATGATCTTCCGACCACTTCCCTGGAGCAGCCTTTTCTGGCGAGG
GTTATGAACCCAGTGTA

```

Clone variation with respect to NM\_001756.3



[View online »](#)

**5' Read Nucleotide Sequence:**

>OriGene 5' read for NM\_001756 unedited  
 NGCCAGAATATTTGTATACGACTCACTATAGGGCGGCCGCGAAATTCGCACGAGGGACAG  
 CAGGACCAACCACAGAACAGCCTGAGCCCACCGCAGACTGGCCTGGCTATACTGGACAAT  
 GCCACTCCTCCTGTACACCTGTCTTCTCTGGCTGCCACCAGCGGCCTCTGGACCGTCCA  
 GGCCATGGATCCTAACGCTGCTTATGTGAACATGAGTAACCATCACCGGGGCCTGGCTTC  
 AGCCAACGTTGACTTTGCCTTCAGCCTGTATAAGCACCTAGTGGCCTTGAGTCCAAAAA  
 GAACATTTTCATCTCCCCTGTGAGCATCTCCATGGCCTTAGCTATGCTGTCCCTGGGCAC  
 CTGTGGCCACACACGGGCCAGCTTCTCCAGGGCCTGGGTTTCAACCTCACTGAGAGGTC  
 TGAGACTGAGATCCACCAGGGTTTCCAGCACCTGCACCAACTCTTTGCAAAGTCAGACAC  
 CAGCTTAGAAATGACCATGGGCAATGCCTTGTCTTGTATGGCAGCCTGGAGTTGCTGGA  
 GTCATTCTCAGCAGACATCAAGCACTACTATGAGTCAGAGGTCTTGGCTATGAATTTCCA  
 GGACTGGGCAACAGCCAGCAGACAGATCAACAGCTATGTCAAGAATAAGACACAGGGGAA  
 AATTGTCGACTTGTTCAGGGCTGGATAGCCAGCCATCCTCGTCTGGTCAACTATAT  
 CTTCTTCAAGGCACATGGACACAGCCCTTGGACCTGNCAAGCACCAGGGAGGAGAACTTC  
 TATGTGGACGAGACAACGTGTGAAAGTGCCATGATGNTGCAGTCGACACCATCAGNTAC  
 CTATGACGCGNAGCTCCCTGCCAGCTGTGCAGATGAACTACGTGGCATGGAAGTGTCTC  
 TTCTCCTTNNCGACAGNGAAGATGACACATCTCGCTGACTGAGCCGGAACGATNACAGT  
 GGTCCGAGCCT

**3' Read Nucleotide Sequence:**

>OriGene 3' read for NM\_001756 unedited  
 NGAGCACTGGGGAAGTGGGTACAGGGCATGCCACCCGGGTTCTGTTTCAGGAAACAGCTA  
 TGACCGCGGCCGCAATCTAGAGTCGAGTTTTTTTTTTTTTTTTTTTTTTTTCAGAGTCGA  
 ATGACTTTTATTTAAAAGATGCCTAAAGTTAGACACAACCTGGTTGGAGGGAGAAAAACT  
 TGGAGGAGATTGGGGGAAACCTCCCGCTCTCAAACATTTCTGTGGGATCCCTGGTTCC  
 CAAAGTCAGACAGTGCTGAGGCTCTGGGTGGGTGGTCTTTACACTGGGTTTCATAACCT  
 CGCCAGGAAAAGGCTGCTCCAGGTGAAGTGGTGAAGATCATGATGATGAAGGGCTGGTT  
 GAAACGCAAGATGATAGGCTTGGACGTCAGGTTTAGGGTGACCCAGTGGAGCCAGCTGT  
 GTCCACACCTCCTCATTGAGTTGCAGCACAGCTTTATGGACCACCTTTGATGACTTCAG  
 CTGGGCGTCTGGGTGATGCGTGAAAAATTTGCCTGGTTGGTGAACAAGTCTGCAATGCC  
 CATTTCTCCAGCACATCTCCGAGGTCATAGACTCCAGAGATGGTGACCTTTGGAATGTA  
 CAGGTCCACCTGGCTGCTGGTCAGGCCTGCGGACCACCTGTTAATCGTGTCCCGGCTCAG  
 TGCAGCGATGACTGTGTTTCATCTTCCCCTTGTCCGGAAGGATGAAGAAGACAGTCCCATT  
 GCCACGTAGTTCATCTGCACCAGCTGGCAGGGGAGCTCCGCGTCATGAAAGTAACTGAT  
 GGTGCTCGACTGCAACATCATGGGCACCTTACCACAGTTGTCTCGTCCAATAN

**Restriction Sites:**

NotI-NotI

**ACCN:**

NM\_001756

**Insert Size:**

1500 bp

**OTI Disclaimer:**

Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

**Components:**

The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

**Reconstitution Method:**

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

**RefSeq:** [NM\\_001756.3](#), [NP\\_001747.2](#)

**RefSeq Size:** 1510 bp

**RefSeq ORF:** 1218 bp

**Locus ID:** 866

**UniProt ID:** [P08185](#)

**Cytogenetics:** 14q32.13

**Domains:** SERPIN

**Protein Families:** Druggable Genome, Secreted Protein

**Gene Summary:** This gene encodes an alpha-globulin protein with corticosteroid-binding properties. This is the major transport protein for glucocorticoids and progestins in the blood of most vertebrates. The gene localizes to a chromosomal region containing several closely related serine protease inhibitors which may have evolved by duplication events. [provided by RefSeq, Jul 2008]