

Product datasheet for **SC120279**

SERPINB11 (NM_080475) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SERPINB11 (NM_080475) Human Untagged Clone
Tag:	Tag Free
Symbol:	SERPINB11
Synonyms:	EPIPIN; SERPIN11
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_080475, the custom clone sequence may differ by one or more nucleotides

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ATGGGTTCTCTCAGCACAGCTAACGTTGAATTTGCCTTGATGTGTTCAAAGAGCTGAACAGTAACAACA  
TAGGAGATAACATCTTCTTTTCTTCGCTGAGTCTGCTTTATGCTCTAAGCATGGTCCTCCTTGGTGCCAG  
GGGAGAGACTGAAGAGCAATTGGAGAAGGTGCTTCATTTTAGTCATACTGTAGACTCATTAAAACCGGG  
TTCAAGGACTCACCTAAGTGCAGCCAAGCTGGAAGAATTCATTCCGAGTTTGGTGTGCAATTCTCTCAA  
TCAACCAGCCAGACTCTAACTGTACCCTCAGCATTGCCAACAGGCTCTACGGGACAAAGACGATGGCATT  
TCATCAGCAATATTTAAGCTGTTCTGAGAAATGGTATCAAGCCAGGTTGCAAACGTGGATTTTGAACAG  
TCTACAGAAGAAACGAGGAAAACGATTAATGCTTGGGTTGAAAAAAAATAAATAATGAAAAAGTCGCAATC  
TCTTTGAAAAGAGCACAATTGACCCTTCATCTGTAAATGGTCTGGTGAATGCCATATATTTCAAAGGACA  
ATGGCAAAATAAATTTCAAGTAAGAGAGACAGTTAAAAGTCCTTTTCAGCTAAGTGAGGGTAAAAATGTA  
ACTGTGAAAATGATGTATCAAATTTGAAACATTTAACTGGCCTTTGTAAGGAGCCGAGATGCAAGTTC  
TTGAGCTGCCCTACGTTAACAACAATTAAGCATGATTATTCTGCTTCCAGTAGGCATAGCTAATCTGAA  
ACAGATAGAAAAGCAGCTGAATTCGGGGACGTTTCATGAGTGGACAAGCTCTTCTAACATGATGGAAGA  
GAAGTTGAAGTACACCTCCCCGATTCAAACCTGAAACTAAGTATGAGCTAAATTCCTGTTAAAATCTC  
TAGGGGTGACAGATCTCTTCAACCAGGTCAAAGCTGATCTTTCTGGAATGTCACCAACCAAGGGCCTATA  
TTTATCAAAGCCATCCACAAGTCATACCTGGATGTCAGCGAAGAGGGCACGGAGGCAGCAGCAGCCAT  
GGGGACAGCATCGCTGTAAAAAGCCTACCAATGAGAGCTCAGTTCAAGGCGAACCCCTTCCTTTCT  
TTATAAGGCACACTCATACCAACACGATCCTATTCTGTGGCAAGCTTGCCTCTCCCTAA
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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_080475 unedited CACATTTTGTAAACGACTCACTATAGGGCGGCCGCAAATTCGCACGAGCCAGCACTTT AGGAGGCTGAGGCAGGTGGATCACGAGGTGAAGAGCTGAATCACTAAGGGCACAATGAA AAGGGAGGGGCAAAATATGAAGGCTTTATATTTCTTCTGAGGGACGCAGCTCCAGTCTAA CTTGCCACTCTGTGAACCTCACTACTGGAAGCAACAAAGGCAGTCGGCATAAAAATGGG TTCTCTCAGCACAGCTAACGTTGAATTTTGCCTTGATGTGTTCAAAGAGCTGAACAGTAA CAACATAGGAGATAACATCTTCTTTTCTTCGCTGAGTCTGCTTTATGCTCTAAGCATGGT CCTCCTTGGTGCCAGGGGAGAGACTGCAGAGCAATTGGAGAAGGTGCTTCATTTTGTCA TACTGTAGACTCATTAAAACAGGGTTCAAGGACTCACCTAAGTGCAGCCAAGCTGGAAG AATTCATTCCGAGTTTGGTGTGCAATTCTCTCAAATCAACCAGCCAGACTCTAACTGTAC CCTCAGCATTGCCAACAGGCTCTACGGGACAAAGACGATGGCATTTCATCAGCAATATTT AAGCTGTTCTGAGAAATGGTATCAAGCCAGGTTGCAAACGTGGATTTTGAACAGTCTAC AGAAGAAACGAGGAAAACGATTAATGCTTGGGTTGAAAATAAACTAATGGTAAGGATAA GTCAATATGTGTCTCTAAACTCTGTGNTGTGTTGATAAGCAACCTGAGTCCACTTGCTAA AGAAGAAGCTGGCTGAAGTCTGCACCTGACATANGCAGATCAGCAAGAAAGGAATGGGGG CCATATTTTGGAAATACCCCTTACAATCAGNTGNTCTAGAAGCTATACAAAGTGACTCTGC GAATGACACCATTCTGTTCATAAATGTGGGCACATTCTGCANTAAAATNATTNAATTA NTTACTTTNACAATTAACCATATTATTGCTN
Restriction Sites:	NotI-NotI
ACCN:	NM_080475
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:	<ol style="list-style-type: none"> 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_080475.1 , NP_536723.1
RefSeq Size:	1179 bp
RefSeq ORF:	1179 bp
Locus ID:	89778
UniProt ID:	Q96P15
Cytogenetics:	18q21.33
Domains:	SERPIN
Protein Families:	Druggable Genome

Gene Summary:

Has no serine protease inhibitory activity, probably due to mutations in the scaffold impairing conformational change.[UniProtKB/Swiss-Prot Function]

Transcript Variant: This variant (1) represents the longest transcript and encodes the longest isoform (a).