

Product datasheet for SC117017

SERPINB10 (NM_005024) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SERPINB10 (NM_005024) Human Untagged Clone
Tag:	Tag Free
Symbol:	SERPINB10
Synonyms:	PI-10; PI10
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_005024, the custom clone sequence may differ by one or more nucleotides

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ATGGACTCTCTAGCAACATCAATCAACCAGTTTGCCTGGAGTTGAGCAAAAAGCTAGCTGAATCTGCTC
AGGGTAAAAATATCTTCTTTTCTTCTGGAGCATCTCACTTCTTGACCATAGTGATTTGGGCGCAA
AGGTACCACTGCAGCCAAATGGCCAGGTGCTTCAATTTAACAGAGACCAGGGAGTCAAATGTGACCT
GAAAGTAAAAAAAAGGAAAATGGAATCACTTGGCAACTCGGAAGAAATACACTCTGATTTCCAAA
CACTTATCTCAGAAATCCTCAAGCCCAACGATGACTACTTAAAACAGCCAATGCGATATATGGAGA
GAAAACGTATGCATTTACAATAAATATTTAGAAGACATGAAAACATATTTGGTGCAGAACCTCAGCCT
GTTAACTTTGTGGAAGCTTCTGATCAAATCAGAAAGGACATCAACTCTTGGGTTGAAAGACAGACCGAGG
GTAAAATCCAGAATCTCCTGCCTGATGACTCTGTGGATCCACAACCAGGATGATTCTGGTGAACGCCCT
ATACTTTAAAGGAATCTGGGAACATCAATCTTAGTGCAAAACACCACAGAAAAGCCTTTTGAATAAAG
GAGACTACAAGCAAACAGTGCAATGATGTTTATGAAGAAAAGCTTACATTTTTACATAGAAAAGC
CAAAGCAGTGGGCTTCACTACTACAAAAGCCGTGACCTCAGCCTGCTTACTACTGCCAGAAGA
CATTAAATGGGCTGGAACAGCTGGAAGGCCATCACCTATGAGAAGCTGAATGAGTGGACCAGTGCAGAC
ATGATGGAGTTGTATGAAGTGCAGCTACACCTTCCAAGTTCAAGCTGGAAGACAGTTATGATCTCAAGT
CAACCTGAGCAGTATGGGATGAGTATGCCTCAGCCAAAGCAAAGCTGATTTCTCAGGAATGTCTTC
AGCAAGAAACCTATTTTTGTCCAATGTTTCCATAAGGCTTTTGTGGAATAAATGAACAAGTACTGAA
GCTGCAGCTGGCAGTGGGAGTGAGATAGATATACGAATTAGAGTCCCATTCCATTGAATTCATGCAAATC
ACCCATTCTTCTTCATCAGGCACAATAAAACCAACACCATTCTTTTTATGGAAGATTATGCTCCCC
CTAA

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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_005024 unedited GCCAGCATTTGTATACGACNACTATAGGCGGCCGACGAATTCGCACGAGTTCTGCTCCGT GGGAGAAAAACAAGGTTTCCTCATGGACGCTCTATCAACATCAATCAACCAGTTTGCCCTG GAGTTGAGCAAAAAGCTAGCTGAATCTGCTCAGGGTAAAAATATCTTCTTTTCTTCTG AGCATCTCAACTTCCTTGACCATGGTGTATTTGGGCGCCAAAGGTACCACTGCAGCCAA ATGGCCCAGGTGCTTCAATTTAACAGAGACCAGGAGTCAAATGTGACCCTGAAAGTGAA AAAAAAGGAAAAATGGAATTCACCTTGAGCAACTCGGAAGAAATACACTCTGATTTCCAA ACACTTATCTCAGAAACCCTCAAGCCCAACGATGACTACTTACTTAAAACAGCCAATGCG ATATATGGAGAGAAAACGTATGCATTTTCAATAAATATTTAGAAGACATGAAAAATAT TTTGGTGCAGAACCTCAGTCTGTAACTTTGTGGAAGCTTCTGATCAAATCAGAAAGGAC ATCAACTCTTGGGTTGAAAGACAGACCGAGGGTAAAATCCAGAATCTCCTGCCTGATGAC TCTGTGGATTCCACAACCAGGATGATTCTGGTGAACGCCCTATACTTTAAAGGAATCTGG GAACATCAATTCTTAGTGCATAACACCACAGATAAGCCTTTTGAATAAACGAGACTACC AGCAAACCAAGTGCANATGATGTTTATGAAGAAAAAGCTCACATTCTTACATAGAAAAGC CAATAGCAGTGGCCTTCAACTCTACTACAAAAGCTGTGACCTCAGCCTGCTTATACTAC TGCCAGAAGACATTAATGGGCTGGAACAGCTGGNAAAGGCATCACCTATGAGAAGCTGAA TGAGTGGACCAGTGCANACATGATGGAGTGNATGAAGTGCAGCTACACTTCCAGTTCAC
Restriction Sites:	NotI-NotI
ACCN:	NM_005024
Insert Size:	2100 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:	<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_005024.1 , NP_005015.1
RefSeq Size:	1194 bp
RefSeq ORF:	1194 bp
Locus ID:	5273
UniProt ID:	P48595
Cytogenetics:	18q22.1
Domains:	SERPIN
Protein Families:	Druggable Genome

Gene Summary:

This gene is a member of the serpin peptidase inhibitor, clade B family and is found in a cluster of other similar genes on chromosome 18. The protein encoded by this gene appears to help control the regulation of protease functions during hematopoiesis. Variations in this gene may increase the risk of prostate cancer. [provided by RefSeq, Dec 2015]