

Product datasheet for SC316755

SERPINA10 (NM_001100607) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SERPINA10 (NM_001100607) Human Untagged Clone
Tag:	Tag Free
Symbol:	SERPINA10
Synonyms:	PZI; ZPI
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC316755 representing NM_001100607. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGAAGGTGGTGCCAAGTCTCCTGCTCTCCGTCCTCCTGGCACAGGTGTGGCTGGTACCCGGCTTGGCC
CCCAGTCTCAGTCGCCAGAGACCCAGCCCTCAGAACCAGACCAGCAGGGTAGTCAGGCTCCCAAG
GAGGAAGAGGAAGATGAGCAGGAGGCCAGCGAGGAGAAGGCCAGTGAGGAAGAGAAAGCCTGGCTGATG
GCCAGCAGGCAGCAGCTTGCCAAGGAGACTTCAAACCTCGGATTCAGCCTGCTGCGAAAGATCTCCATG
AGGCACGATGGCAACATGGTCTTCTCTCCATTTGGCATGTCTTGGCCATGACAGGCTTGATGCTGGGG
GCCACAGGGCCGACTGAAACCCAGATCAAGAGAGGGCTCCACTTGCAGGCCCTGAAGCCCAAGCCC
GGGCTCCTGCCTTCCCTCTTAAGGGACTCAGAGAGACCCTCTCCGCAACCTGGAAGTGGGCTCACA
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TATTTTGTACAGAGTGCCTATGAATTTTCGCAATGCCTCACAGGCCAAAAGGCTCATGAATCAT
TACATTAACAAAGAGACTCGGGGAAAATTCCAAACCTGTTTGTATGAGATTAATCCTGAAACCAATTA
ATTCTTGTGGATTACATCTTGTCAAAGGGAAATGGTTGACCCATTTGACCCTGTCTTACCAGGATC
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AAAGTGGACCGCCATTTTCATTTATGATCTATGAAGAAACCTCTGGAATGCTTCTGTTTCTGGGCAGG
GTGGTGAATCCGACTCTCTATAA
ACGCGTACGCGGCCGCTCGAGCAGAAAATCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGCGC
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Restriction Sites:	Sgfl-Mlul
Plasmid Map:	□
ACCN:	NM_001100607
Insert Size:	1335 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).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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_001100607.2
RefSeq Size:	2134 bp
RefSeq ORF:	1335 bp
Locus ID:	51156
UniProt ID:	Q9UK55
Cytogenetics:	14q32.13
Protein Families:	Druggable Genome, Secreted Protein
MW:	50.7 kDa
Gene Summary:	<p>The protein encoded by this gene belongs to the serpin family. It is predominantly expressed in the liver and secreted in plasma. It inhibits the activity of coagulation factors Xa and XIa in the presence of protein Z, calcium and phospholipid. Mutations in this gene are associated with venous thrombosis. Alternatively spliced transcript variants have been found for this gene.[provided by RefSeq, May 2010]</p> <p>Transcript Variant: This variant (2) differs in the 5' UTR compared to variant 1. Variants 1 and 2 encode the same protein.</p>