

Product datasheet for **SC322295**

SERBP1 (NM_001018068) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SERBP1 (NM_001018068) Human Untagged Clone
Tag:	Tag Free
Symbol:	SERBP1
Synonyms:	CGI-55; CHD3IP; HABP4L; PAI-RBP1; PAIRBP1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF:	<p>>OriGene sequence for SC322295</p> <pre>GCTGAAGCAGGCGCTCTTGGCTCGGCGCGGCCCTGCAATCCGTGGAGGAACGCGCCGC CGAGCCACCATCATGCCTGGGCACTTACAGGAAGGCTTCGGCTGCGTGGTCACCAACCGA TTCGACCAGTTATTTGACGACGAATCGGACCCCTTCGAGGTGCTGAAGGCAGCAGAGAAC AAGAAAAAGAAGCCGGCGGGGGCGGCGTTGGGGGCCCTGGGGCCAAGAGCGCAGCTCAG GCCGCGGCCAGACCAACTCCAACGCGGCAGGCAACAGCTGCGCAAGGAGTCCCAGAAA GACCGCAAGAACCCTGCCCCCAGCGTTGGCGTGGTTGACAAGAAAGAGGAGACGCAG CCGCCCGTGGCGCTTAAGAAAGAAGGAATAAGACGAGTTGGAAGAAGACCTGATCAACAA CTTCAGGGTGAAGGAAAATAATTGATAGAAGACCAGAAAAGGCGACCACCTCGTGAACGA AGATTCGAAAAGCCACTTGAAGAAAAGGGTGAAGGAGGCGAATTTTCAGTTGATAGACCG ATTATTGACCGACCTATTCGAGGTGCTGGTGGTCTTGAAGAGGTGAGGGGGCCGTGGA CGTGGAATGGGCCGAGGAGATGGATTTGATTCTCGTGGCAACGTGAATTTGATAGGCAT AGTGGAAGTGATAGATCTGGCCTGAAGCACGAGGACAAACGTGGAGGTAGCGGATCTCAC AACTGGGGAAGTCAAAGACGAATTAACAGAGTCCCCCAAATACATTGAGAAACAATA TCTTATAATTACAGTGACTTGGATCAATCAAATGTGACTGAGGAAACACCTGAAGGTGAA GAACATCATCCAGTGGCAGACACTGAAAATAAGGAGAATGAAGTTGAAGAGGTAAAAGAG GAGGGTCCAAAAGAGATGACTTTGGATGAGTGGAAAGGCTATTCAAAATAAGGACCGGCA AAAGTAGAATTTAATATCCGAAAACCAATGAAGGTGCTGATGGGCAGTGAAGAAGGGA TTTGTTCATATAAATCAAAGAGTGAAGAGGCTCATGCTGAAGATTTCGGTTATGGACCAT CATTTCCGGAAGCCAGCAAAATGATATAACGTCTCAGCTGGAGATCAATTTTGGAGACCTT GGCCGCCAGGACGTGGCGGCAGGGGAGGACGAGGTGGACGTGGGCGTGGTGGGCGCCCA AACCGTGGCAGCAGGACCGACAAGTCAAGTGCTTCTGCTCCTGATGTGGATGACCCAGAG GCATTCAGCTCTGGCTTAAGTGGATGCCATAAGACAACCCTGGTTCCCTTTGTGAACCC TTCTGTTCAAAGTTTTGATGCTTAAGGATTCCAAACGACTAAGAAATTAATAAAAAAAAA AGACTGTCATTACATACCATTACACCTAAAGACTGAATTTTATCTGTTTTAAAAATGAAC TTCTCCCGCTACACAGAAGTAACAAATATGGTAGTCAGTTTTGTATTTAGAAATGTATTG GTAGCAGGGATGTTTTATAATTTTCAGAGATTATGCATTCTTCATGAATACTTTTGTAT TGCTGCTTGCAAATATGCATTTCCAAACTTGAAATATAGGTGTGAACAGTGTGTACCAGT TAAAAAAAAAAAAAAAAAAAAA</pre>
Restriction Sites:	Please inquire
ACCN:	NM_001018068
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:

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_001018068.1](#), [NP_001018078.1](#)

RefSeq Size: 6746 bp

RefSeq ORF: 1209 bp

Locus ID: 26135

UniProt ID: [Q8NC51](#)

Cytogenetics: 1p31.3

Gene Summary: May play a role in the regulation of mRNA stability. Binds to the 3'-most 134 nt of the SERPINE1/PAI1 mRNA, a region which confers cyclic nucleotide regulation of message decay. Seems to play a role in PML-nuclear bodies formation (PubMed:28695742).[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (2) uses an alternate, in-frame splice site in the coding region, compared to variant 1. It encodes isoform 2, which is shorter than isoform 1.