

Product datasheet for **MC210443**

Serbp1 (NM_001113566) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Serbp1 (NM_001113566) Mouse Untagged Clone
Tag: Tag Free
Symbol: Serbp1
Synonyms: 120009K13Rik; 9330147J08Rik; AL022786; Pairbp1
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC210443 representing NM_001113566
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGCTGGGCACCTACAGGAAGGCTTCGGCTGCGTGGTACCAACCGATTGACCCAGCTATTTGACGACG
AATCGGACCCTTTCGAGGTACTGAAGGCAGCAGAGAACAAGAAAAAGAAGCCGGCGGGGGCGGCTTGG
GGCCCCGGGGCCAAGAGCGCGGCTCAGGCCGGCCAGACCACTCCAACCGCGGGGCAACAGTTG
CGTAAAGAGTCCCAGAAAGACCGCAAGAACCCTGCCCCCAGCGTCGGCGTGGCCGACAAAAAGGAGG
AGACGCAGCCCGGCTGGCGCTTAAGAAAGAAGGAATAAGGCGAGTTGGAAGAAGACCCGATCAACAACT
ACAGGGTGATGGGAACTAATTGATAGGAGAGCAGAAAGGCGACCAACCCCGTGAAGAAGATTTGAAAAAG
CCACTTGAAGAAAAAGGTGAAGGAGGTGAATTTTCAGTTGATAGACCGATTATCGAACGGCCTATCCGAG
GCCGAGGTGGTCTTGAAGGGGTCGAGGAGGCCGTGGACGTGGAATGGGCCGAGGCGATGGATTTGATTC
TCGTGGCAAGCGTGAATTTGATAGGCATAGTGAAGTATAGATCTGGCCTGAAGCATGAGGACAAACGC
GGAGGTAGCGGCTCTCACAACCTGGGAACTGTCAAAGATGAATTAAGTATTTGGATCAATCAAAATGTGA
CTGAGGAAACACCTGAAGGTGAAGAGCACCCCTGGCAGATACTGAAAATAGGAGAACGAAGTTGAAGA
GGTTAAGGAAGAGGGTCCAAAAGAGATGACTCTGGATGAGTGAAGACTATTCAAAATAAAGACCGAGCA
AAAGTAGAATTTAATATCCGAAAACCAAATGAAGGCGCCGATGGACAATGAAAAAGGGATTTGTTCTGC
ATAAATCAAAAAGTGAAGAGGCTCATGCTGAAGATTCAGTTATGGACCATCATTTCCGGAAGCCAGCAAA
TGATATAACATCTCAACTGGAGATCAATTTTGGAGACTTAGGCCGCCAGGACGTGGTGGCAGAGGAGGA
CGTGGTGGCGTGGCGTGGTGGACGTCCAACCCGTGGCAGCAGGACTGATAAGTCAAGTCTTCTGCTC
CTGATGTAGATGACCCAGAGGCCCTCCAGCTCTGGCC**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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ACCN:	NM_001113566
Insert Size:	1161 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:	<u>NM_001113566.1</u> , <u>NP_001107038.1</u>
RefSeq Size:	6622 bp
RefSeq ORF:	1161 bp
Locus ID:	66870
UniProt ID:	<u>Q9CY58</u>
Cytogenetics:	6 C1
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.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (4) has two alternate splice sites in the CDS, as compared to variant 1. The resulting isoform (4) lacks two internal segments, as compared to isoform 1.