

## Product datasheet for RN212350

### Serbp1 (NM\_145086) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Serbp1 (NM_145086) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Serbp1
Synonyms:	Pai-Rbp1; Pairbp1; Rda288
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN212350 representing NM_145086 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGCTGGGCACCTACAGGAAGGCTTCGGCTGCGTGGTACCAACCGATTCGACCAGCTATTTGACGACG  
AATCGGACCTTTTCGAGGTACTGAAGGCAGCAGAGAACAAGAAAAAGAAGCCGGCGGGGGCGGCTTGG  
GGCCCCGGGGCCAAGAGCGCGGCTCAGGCCGGCCAGACCACTCCAACCGCGCAGGCAAACAGTTG  
CGGAAAGAGTCCCAGAAAGACCGCAAGAACCCGCTGCCCCAGCGTCGGCGTGGCTGACAAAAAGGAGG  
AGACGCAGCCCGGTGGCGCTTAAGAAAGAAGGAATAAGGCGAGTTGGAAGAAGACCTGATCAACAACT  
TCAGGGTGATGGGAAAATAATTGATAGGAGACCAGAAAGGCGACCACCTCGTGAAAGAAGATTTGAAAAG  
CCACTTGAAGAAAAAGGTGAAGGAGGTGAATTTTCAGTTGATAGACCGATCATCGAACCGCCTATCCGAG  
GCCGAGGTGGTCTTGAAGGGGTCGAGGTGGCCGTGGCCGTGGAATGGCCGAGGTGATGGATTTGATTC  
TCGTGGCAAGCGTGAATTTGATAGGCATAGTGGAAGTGATAGATCTTCTTTTTCACATTACAGTGGCCTG  
AAGCATGAGGACAAACGTGGAGGTAGCGGATCTCAAACTGGGAACTGTCAAAGATGAATTAACGTGATT  
TGGAGCAATCAAATGTGACTGAGGAAACACCCGAAGGTGAAGAGCACCCAGTGGCAGACTGAAAATAA  
GGAGAACGAAGTTGAAGAGGTTAAGGAAGAGGGTCCAAAAGAGATGACTTTGGATGAGTGGAAAGCTATT  
CAAAATAAAGACCGAGCAAAAGTGAATTTAATATCCGAAAACCAATGAAGGTGCTGATGGACAATGGA  
AAAAGGGATTTGTTCTGCATAAATCAAAAAGTGAAGAGGCTCATGCGGAAGATTCAGTTATGGACCATCA  
TTTCCGGAAGCCAGCAAATGATATAACGCTCAACTGGAGATCAATTTGGAGACCTAGGCCGCCAGGA  
CGTGGTGGCAGAGGAGGACGTGGTGGACGTGGCGTGGTGGTCTCTAATCGTGGCAGCAGGACTGATA  
AGTCAAGTGCTTCTGCTCTGATGTAGATGACCCAGAGGATTCCCGCTCTGGCC**TAA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI



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<b>ACCN:</b>	NM_145086
<b>Insert Size:</b>	1179 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_145086.1</a></u> , <u><a href="#">NP_659554.1</a></u>
<b>RefSeq Size:</b>	1357 bp
<b>RefSeq ORF:</b>	1179 bp
<b>Locus ID:</b>	246303
<b>UniProt ID:</b>	<u><a href="#">Q6AXS5</a></u>
<b>Cytogenetics:</b>	4q31
<b>Gene Summary:</b>	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]