

## Product datasheet for MR215905

### Serbp1 (NM\_001113565) Mouse Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Serbp1 (NM\_001113565) Mouse Tagged ORF Clone  
**Tag:** Myc-DDK  
**Symbol:** Serbp1  
**Synonyms:** 120009K13Rik; 9330147J08Rik; AL022786; Pairbp1  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**ORF Nucleotide Sequence:** >MR215905 representing NM\_001113565  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCCCGCATCGCC

ATGCTGGGCACCTACAGGAAGGCTTCGGCTGCGTGGTACCAACCGATTGACAGCTATTTGACGACG  
 AATCGGACCCTTTCGAGGTACTGAAGGCAGCAGAGAACAAGAAAAAGAAGCCGGCGGGGGCGGCTTGG  
 GGGCCCCGGGCCAAGAGCGCGGCTCAGGCCGCGCCAGACCACTCCAACGCGCGGGCAACAGTTG  
 CGTAAAGAGTCCCAGAAAGACCGCAAGAACCCTGCCCCCAGCGTCGGCGTGGCCGACAAAAAGGAGG  
 AGACGCAGCCCGGTGGCGCTTAAGAAAGAAGGAATAAGGCGAGTTGGAAGAAGACCCGATCAACAACT  
 ACAGGGTGATGGGAACTAATTGATAGGAGAGCAGAAAGGCGACCACCCGTGAAAGAAGATTTGAAAAAG  
 CCACTTGAAGAAAAAGGTGAAGGAGGTGAATTTTCAGTTGATAGACCGATTATCGAACGGCTATCCGAG  
 GCCGAGGTGGTCTTGAAGGGTTCGAGGAGGCCGTGGACGTGGAATGGGCCGAGGCGATGGATTTGATTC  
 TCGTGGCAAGCGTGAATTTGATAGGCATAGTGAAGTGATAGATCTTCTTTTTCACATTACAGTGGCCTG  
 AAGCATGAGGACAAACGCGGAGGTAGCGGCTCTCACAACGGGAACTGTCAAAGATGAATTAAGTATT  
 TGGATCAATCAATGTGACTGAGGAAACACCTGAAGGTGAAGAGCACCCGTGGCAGATACTGAAAAATA  
 GGAGAACAAGTTGAAGAGGTTAAGGAAGAGGGTCCAAAAGAGATGACTCTGGATGAGTGGAAAGCTATT  
 CAAAATAAAGACCGAGCAAAAGTAGAATTTAATATCCGAAAACCAATGAAGGCGCCGATGGACAATGGA  
 AAAAGGGATTTGTTCTGCATAAATCAAAAAGTGAAGAGGCTCATGCTGAAGATTCAATATGGACCATCA  
 TTTCCGGAAGCCAGCAAATGATATAACATCTCAACTGGAGATCAATTTTGGAGACTTAGGCCGCCAGGA  
 CGTGGTGGCAGAGGAGGACGTGGTGGCGTGGCGTGGTGGACGTCCAAACCGTGGCAGCAGGACTGATA  
 AGTCAAGTGCTTCTGCTCCTGATGTAGATGACCCAGAGGCTTCCAGCTCTGGCC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA



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**Protein Sequence:** >MR215905 representing NM\_001113565  
 Red=Cloning site Green=Tags(s)

MPGHLQEGFGCVVTNRFQQLFDDSDPFEVLKAAENKKKEAGGGVGGPGAKSAAQAAAQTNSNAAGKQL  
 RKESQKDRKNLPPSVGVADKKEETQPPVALKKEGIRRVGRRPDQQLQDQGLIDRRAERRPPRRRFEK  
 PLEEKEGEGEFSVDRPIIERPIRGRGGLGRGRGRGMGRGDFDSRGKREFDRHSGSDRSSFSHYSGL  
 KHEDKRGSGSHNWGTVKDELTDLDQSNVTEETPEGEEHPVADTENKENEVEEVKEEGPKEMTLDEWKAI  
 QNKDRAKVEFNIRKPNEGADGQWKGFVLHKSKSEEHAEDSVMDDHFRKPANDITSQLEINFGDLGRPG  
 RGRGRGRGRGRPNRGSRTDKSSASAPDVEDDPEAFPALA

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:**

Sgfl-MluI

**Cloning Scheme:**

Cloning sites used for ORF Shuttling:



\* The last codon before the Stop codon of the ORF

**ACCN:** NM\_001113565

**ORF Size:** 1176 bp

**OTI Disclaimer:** The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

**OTI Annotation:** This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

**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\\_001113565.1](#), [NP\\_001107037.1](#)

**RefSeq Size:** 6640 bp

**RefSeq ORF:** 1179 bp

**Locus ID:** 66870

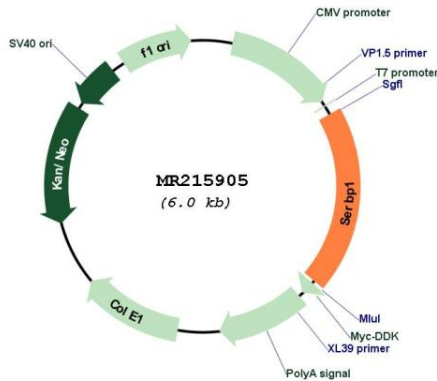
**UniProt ID:** [Q9CY58](#)

**Cytogenetics:** 6 C1

**MW:** 43.4 kDa

**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]

**Product images:**



Circular map for MR215905