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# Product datasheet for MR217462

## Serbp1 (NM_001113564) Mouse Tagged ORF Clone

### Product data:

| | |
|---|---|
| **Product Type:** | Expression Plasmids |
| **Product Name:** | Serbp1 (NM_001113564) Mouse Tagged ORF Clone |
| **Tag:** | Myc-DDK |
| **Symbol:** | Serbp1 |
| **Synonyms:** | 1200009K13Rik; 9330147J08Rik; AL022786; Pairbp1 |
| **Mammalian Cell Selection:** | Neomycin |
| **Vector:** | pCMV6-Entry (PS100001) |
| **E. coli Selection:** | Kanamycin (25 ug/mL) |

**ORF Nucleotide Sequence:**

>MR217462 representing NM_001113564
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGCCTGGGCACCTACAGGAAGGCTTCGGCTGCGTGGTCACCAACCGATTCGACCAGCTATTTGACGACG
AATCGGACCCTTTCGAGGTACTGAAGGCAGCAGAGAACAAGAAAAAAGAAGCCGGCGGGGGCGGCGTTGG
GGGCCCCGGGGCCAAGAGCGCGGCTCAGGCCGCGGCCCAGACCAACTCCAACGCGGCGGGCAAACAGTTG
CGTAAAGAGTCCCAGAAAGACCGCAAGAACCCGCTGCCCCCCAGCGTCGGCGTGGCCGACAAAAAGGAGG
AGACGCAGCCGCCGGTGGCGCTTAAGAAAGAAGGAATAAGGCGAGTTGGAAGAAGACCCGATCAACAACT
ACAGGGTGATGGGAAACTAATTGATAGGAGAGCAGAAAGGCGACCACCCCGTGAAAGAAGATTTGAAAAG
CCACTTGAAGAAAAAGGTGAAGGAGGTGAATTTTCAGTTGATAGACCGATTATCGAACGGCCTATCCGAG
GCCGAGGTGGTCTTGGAAGGGGTCGAGGAGGCCGTGGACGTGGAATGGGCCGAGGCGATGGATTTGATTC
TCGTGGCAAGCGTGAATTTGATAGGCATAGTGGAAGTGATAGATCTGGCCTGAAGCATGAGGACAAACGC
GGAGGTAGCGGCTCTCACAACTGGGGAACTGTCAAAGATGAATTAACAGAGTCACCCAAATACATTCAGA
AACAAATATCTTATAATTGCAGTGATTTGGATCAATCAAATGTGACTGAGGAAACACCTGAAGGTGAAGA
GCACCCTGTGGCAGATACTGAAAATAAGGAGAACGAAGTTGAAGAGGTTAAGGAAGAGGGTCCAAAAGAG
ATGACTCTGGATGAGTGGAAAGCTATTCAAAATAAAGACCGAGCAAAAGTAGAATTTAATATCCGAAAAC
CAAATGAAGGCGCCGATGGACAATGGAAAAAGGGATTTGTTCTGCATAAATCAAAAAGTGAAGAGGCTCA
TGCTGAAGATTCAGTTATGGACCATCATTTCCGGAAGCCAGCAAATGATATAACATCTCAACTGGAGATC
AATTTTGGAGACTTAGGCCGCCCAGGACGTGGTGGCAGAGGAGGACGTGGTGGGCGTGGGCGTGGTGGAC
GTCCAAACCGTGGCAGCAGGACTGATAAGTCAAGTGCTTCTGCTCCTGATGTAGATGACCCAGAGGCCTT
CCCAGCTCTGGCC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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**Protein Sequence:**

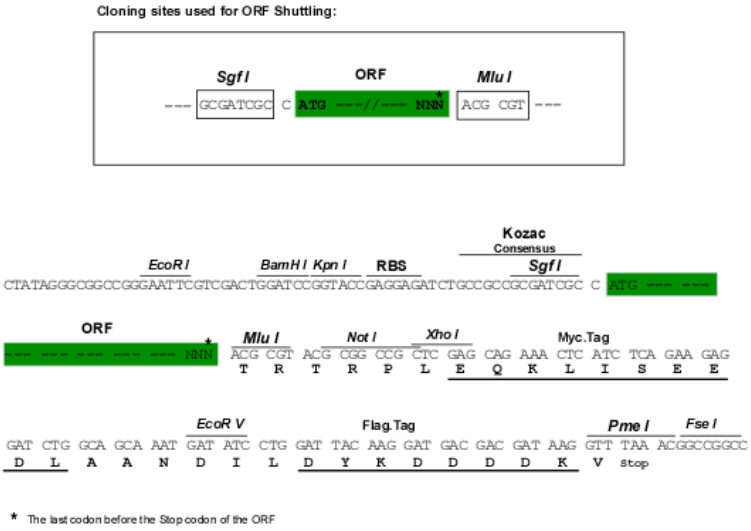
>MR217462 representing NM_001113564
Red=Cloning site Green=Tags(s)

MPGHLQEGFGCVVTNRFDQLFDDESDPFEVLKAAENKKKEAGGGGVGGPGAKSAAQAAAQTNSNAAGKQL
RKESQKDRKNPLPPSVGVADKKEETQPPVALKKEGIRRVGRRPDQQLQGDGKLIDRRAERRPPRERRFEK
PLEEKGEGGEFSVDRPIIERPIRGRGGLGRGRGGRGRGMGRGDGFDSRGKREFDRHSGSDRSGLKHEDKR
GGSGSHNWGTVKDELTESPKYIQKQISYNCSDLDQSNVTEETPEGEEHPVADTENKENEVEEVKEEGPKE
MTLDEWKAIQNKDRAKVEFNIRKPNEGADGQWKKGFVLHKSKSEEAHAEDSVMDHHFRKPANDITSQLEI
NFGDLGRPGRGGRGGRGGRGRGGRPNRGSRTDKSSASAPDVDDPEAFPALA

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**




**ACCN:** NM_001113564

**ORF Size:** 1203 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_001113564.1, NP_001107036.1

**RefSeq Size:** 6667 bp

**RefSeq ORF:** 1206 bp

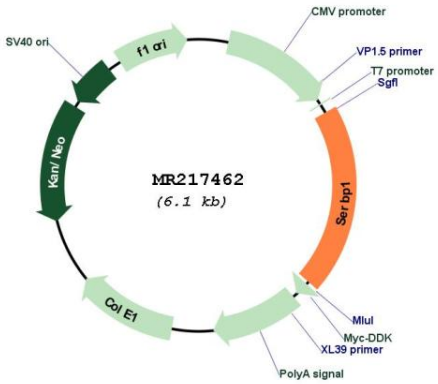
**Locus ID:** 66870

**Cytogenetics:** 6 C1

**MW:** 44.5 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 MR217462