

## Product datasheet for **MG215890**

### Serbp1 (NM\_025814) Mouse Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Serbp1 (NM\_025814) Mouse Tagged ORF Clone  
**Tag:** TurboGFP  
**Symbol:** Serbp1  
**Synonyms:** 1200009K13Rik; 9330147J08Rik; AL022786; Pairbp1  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-AC-GFP (PS100010)  
**E. coli Selection:** Ampicillin (100 ug/mL)  
**ORF Nucleotide Sequence:** >MG215890 representing NM\_025814  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGCTGGGCACCTACAGGAAGGCTTCGGCTGCGTGGTACCAACCGATTGACAGCTATTTGACGACG  
AATCGGACCCTTTCGAGGTACTGAAGGCAGCAGAGAACAAGAAAAAGAAGCCGGCGGGGCGCGTTGG  
GGGCCCGGGCCAAGAGCGCGGCTCAGGCCGCGCCAGACCACTCCAACGCGCGGGCAAACAGTTG  
CGTAAAGAGTCCCAGAAAGACCGCAAGAACCCTGCCCCCAGCGTCGGCGTGGCCGACAAAAAGGAGG  
AGACGCAGCCCGGTGGCGCTTAAGAAAGAAGGAATAAGGCGAGTTGGAAGAAGACCCGATCAACAACT  
ACAGGGTGATGGGAACTAATTGATAGGAGAGCAGAAAGGCGACCACCCGTGAAAGAAGATTTGAAAAG  
CCAATTGAAGAAAAAGTTGAAGGAGGTGAATTTTCAGTTGATAGACCGATTATCGAACGGCCTATCCGAG  
GCCGAGGTGGTCTTGAAGGGTTCGAGGAGGCCGTGGACGTGGAATGGGCCGAGGCGATGGATTTGATTC  
TCGTGGCAAGCGTGAATTTGATAGGCATAGTGAAGTGATAGATCTTCTTTTTCATTACAGTGGCCTG  
AAGCATGAGGACAAACCGGAGGTAGCGGCTCTCACACTGGGAACTGTCAAAGATGAATTAACAGAGT  
CACCCAAATACATTCAGAAACAAATATCTTATAATTGCAGTGATTTGGATCAATCAAATGTGACTGAGGA  
AACACCTGAAGGTGAAGAGCACCTGTGGCAGATACTGAAAATAAGGAGAACGAAGTTGAAGAGGTTAAG  
GAAGAGGTCCAAAAGAGATGACTCTGGATGAGTGGAAAGCTATTCAAAATAAAGACCCGAGCAAAGTAG  
AATTTAATATCCGAAAACCAAATGAAGGCGCCGATGGACAATGGAAAAAGGGATTTGTTCTGCATAAATC  
AAAAAGTGAAGAGGCTCATGCTGAAGATTCAGTTATGGACCATCATTTCCGGAAGCCAGCAAATGATATA  
ACATCTCAACTGGAGATCAATTTTGGAGACTTAGGCCGCCAGGACGTGGTGGCAGAGGAGGACGTGGT  
GGCGTGGCGTGGTGGACGTCCAAACCGTGGCAGCAGGACTGATAAGTCAAGTGCTTCTGCTCCTGATGT  
AGATGACCCAGAGGCTTCCAGCTCTGGCC

**ACGCGT**ACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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**Protein Sequence:** >MG215890 representing NM\_025814  
Red=Cloning site Green=Tags(s)

MPGHLQEGFGCVVTNRFQQLFDDESDPFEVLKAAENKKKEAGGGVGGPGAKSAAQAAAQTNSNAAGKQL  
 RKESQKDRKNLPPSVGVADKKEETQPPVALKKEGIRRVGRRPDQQLQDQGLIDRRAERRPPRRRFEK  
 PLEEKGEGEFSVDRPIIERPIRGRGGLGRGRGGRGMGRGDGFD SRGKREFDRHSGSDRSSFSHYSGL  
 KHEDKRGSGSHNWGTVKDEL TESP KYIQKQISYNCSDLQSNVTEETPEGEEHPVADTENKENEVEEVK  
 EEGPKEMTLDEWKAIQNKDRAKVEFNIRKPNEGADGQWKGFVLHKSKEEAHAEDSVMDDHHFRKPANDI  
 TSQLEINFGDLGRPGRGGRGGRGGRGGRPNRGRSRTDKSSASAPDVDDPEAFPALA

TRTRPLE - GFP Tag - V

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**ACCN:** NM\_025814

**ORF Size:** 1221 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\\_025814.2](#), [NP\\_080090.2](#)

**RefSeq Size:** 6685 bp

**RefSeq ORF:** 1224 bp

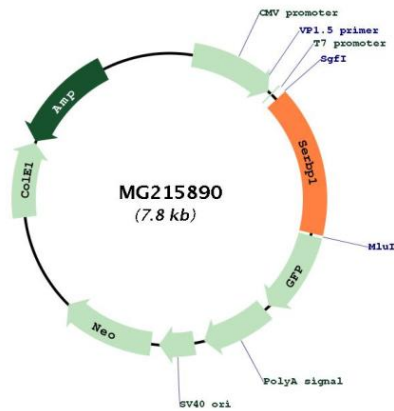
**Locus ID:** 66870

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

**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]

**Product images:**



Circular map for MG215890