

Product datasheet for **MG217478**

Serbp1 (NM_001113566) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Serbp1 (NM_001113566) Mouse Tagged ORF Clone
Tag: TurboGFP
Symbol: Serbp1
Synonyms: 120009K13Rik; 9330147J08Rik; AL022786; Pairbp1
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >MG217478 representing NM_001113566
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGCTGGGCACCTACAGGAAGGCTTCGGCTGCGTGGTACCAACCGATTGACAGCTATTTGACGACG
 AATCGGACCCTTTCGAGTACTGAAGGCAGCAGAGAACAAGAAAAAGAAGCCGGCGGGGGCGCGTTGG
 GGGCCCCGGGCCAAGAGCGCGGCTCAGGCCGCGCCAGACCACTCCAACGCGCGGGCAACAGTTG
 CGTAAAGAGTCCCAGAAAGACCGCAAGAACCCTGCCCCCAGCGTCGGCGTGGCCGACAAAAAGGAGG
 AGACGCAGCCCGGTGGCGCTTAAGAAAGAAGGAATAAGGCGAGTTGGAAGAAGACCCGATCAACAACT
 ACAGGGTATGGGAACTAATTGATAGGAGAGCAGAAAGGCGACCACCCGTGAAAGAAGATTTGAAAAG
 CCACTTGAAGAAAAGGTGAAGGAGGTGAATTTTCAGTTGATAGACCGATTATCGAACGGCTATCCGAG
 GCCGAGGTGGTCTTGAAGGGTTCGAGGAGGCCGTGGACGTGGAATGGGCCGAGGCGATGGATTTGATTC
 TCGTGGCAAGCGTGAATTTGATAGGCATAGTGGAGTGATAGATCTGGCCTGAAGCATGAGGACAAACGC
 GGAGGTAGCGCTCTCACAACGGGAACTGTCAAAGATGAATTAAGTATTTGGATCAATCAAATGTGA
 CTGAGGAAACACCTGAAGGTGAAGAGCACCTGTGGCAGATACTGAAAATAAGGAGAACGAAGTTGAAGA
 GGTTAAGGAAGAGGGTCCAAAAGAGATGACTCTGGATGAGTGGAAAGCTATTCAAAATAAGACCCGAGCA
 AAAGTAGAATTTAATATCCGAAAACCAAATGAAGGCGCCGATGGACAATGGAAAAAGGGATTTGTTCTGC
 ATAAATCAAAAAGTGAAGAGGCTCATGCTGAAGATTGAGTTATGGACCATCATTTCGGAAAGCCAGCAAA
 TGATATAACATCTCAACTGGAGATCAATTTTGGAGACTTAGGCCGCCAGGACGTGGTGGCAGAGGAGGA
 CGTGGTGGCGTGGCGTGGTGGACGTCCAACCGTGGCAGCAGGACTGATAAGTCAAGTCTTCTGCTC
 CTGATGTAGATGACCCAGAGGCCTTCCAGCTCTGGCC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >MG217478 representing NM_001113566
 Red=Cloning site Green=Tags(s)

MPGHLQEGFGCVVTNRFQQLFDDESDPFEVLKAAENKKKEAGGGVGGPGAKSAAQAAAQTSNAAGKQL
 RKESQKDRKNLPPSVGVADKKEETQPPVALKKEGIRRVGRRPDQQLQDQGLIDRRAERRPPRERRFEK
 PLEEKGEGERFSVDRPIIERPIRGRGLGRGRGRGMGRGDGFDNRGKREFDRHSGSDRSGLKHEDKR
 GSGSHNWGTVKDELTDLDQSNVTEETPEGEEHPVADTENKENEVEEVKEEGPKEMTLDEWKAIQNKDRA
 KVEFNIRKPNEGADGQWKGFVLHKSKSEEAHAEDSVMDDHFRKPANDITSQLEINFSDLGRPGRGGRGG
 RGGRRGGRPNRGRSRTDKSSASAPDVDDPEAFPALA

TRTRPLE - GFP Tag - V

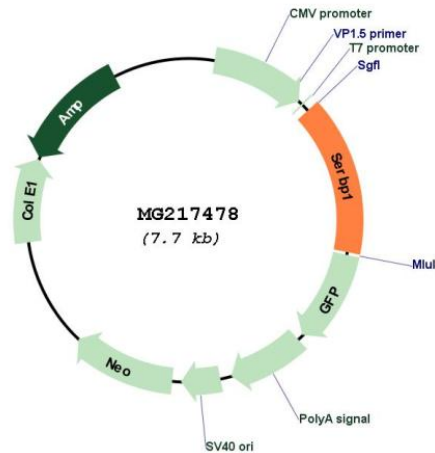
Restriction Sites:

Sgfl-MluI

Cloning Scheme:



Plasmid Map:



ACCN:

NM_001113566

ORF Size:	1158 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:	<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:	NM_001113566.1 , NP_001107038.1
RefSeq Size:	6622 bp
RefSeq ORF:	1161 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]