

Product datasheet for **MG201027**

Ssbp1 (BC028648) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Ssbp1 (BC028648) Mouse Tagged ORF Clone
Tag: TurboGFP
Symbol: Ssbp1
Synonyms: MtSSB, mtDBP
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >MG201027 representing BC028648
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGTTTCGAAGACCTGTGTTACAGGATTTTCGTCAGTTTGTAAAGACATGAGTCTGAAGTAGCCAGCAGTT
 TGGTTCCTGAACGATCTCTGAATCGTGTTCACTTGGACGAGTAGGTCAGGACCCTGTCATGAGACA
 GGTGGAAGGAAAAACCCAGTCACAATATTTCTCTAGCAACAAATGAGATGTGGCGATCAGGGGATAGT
 GAAGTATACCAAATGGGTGACGTTAGTCAGAAGACGACGTGGCACAGAATATCAGTGTTCGACCAGGCC
 TCAGAGATGTGGCATATCAGTATGTGAAAAGGGGCTCGTATATTTGTGGAAGGAAAGTGGACTATGG
 CGAGTACATGGATAAAAAACAATGTGAGGCGCAAGCAACAACAATCATAGCTGATAACATTATTTCTG
 AGTGACCAGACAAAAGAAAAGGCA

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >MG201027 representing BC028648
 Red=Cloning site Green=Tags(s)

MFRRPVLQVFRQFVRHESEVASSLVLERSLNRVQLLGRVGDVPMRQVEGKNPVTIFSLATNEMWRSRGS
 EYVQMGDVSQKTTWHRISVFRPGLRDVAYQYVKKGARIFVEGKVDYGEYMDKNNVRRQATTTIADNIIIFL
 SDQTKEKA

TRTRPLE - GFP Tag - V

Restriction Sites: Sgfl-MluI



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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:	<u>BC028648</u> , <u>AAH28648</u>
RefSeq Size:	1471 bp
RefSeq ORF:	446 bp
Locus ID:	381760
Cytogenetics:	6 B1
Gene Summary:	This protein binds preferentially and cooperatively to ss-DNA. Probably involved in mitochondrial DNA replication. Associates with mitochondrial DNA (By similarity). [UniProtKB/Swiss-Prot Function]