

## Product datasheet for **MG205577**

### Ssbp4 (NM\_133772) Mouse Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Ssbp4 (NM_133772) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Ssbp4
Synonyms:	1210002E11Rik; AW743380; Sspb4
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>MG205577 representing NM_133772 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGTACGGCAAGGCGAGCAAGGGCTGCGGCCCTCGGACGGGCAGGCGCGAGAAGCTCGCGCTGTATG  
TATATGAGTATCTACTGCATGTGGGGCACAGAAGTCGGCGCAGACCTTCCTGTCTGAGATCCGTTGGGA  
AAAGAACATCACATTGGGTGAGCCTCCTGGCTTCTGCACTCCTGGTGGTGCCTTCTGGGACCTGTAT  
TGTGCGGCACCAGACCGCAGGGAGGCCTGTGAACACTCCAGTGAAGCCAAAGTCTCCAGGACTATAGCG  
CAGCAGCAGCTCCAGCCCTGTGATGGGTGCCATGACCCCAAACGATGCCATGGCAGCAGGCCCTGTGGC  
ACCAGGCTTCTTCCAGCCCTCATGTACCACGGTTCACAGGGGGTGCCCGCCAAATCCTAAGGATGCCA  
GGCCAGCCTCCTGTGGGCTCCCTGGCTCCAGCCCTCATCCCCGCTGCCATGGACCCCTCCCCACGAG  
TGCAGGGACACCCAGCCTGGGAGGCCGATGCAGAGGGTGACCCCTCCAAGAGGAATGGCCAGTGTGG  
GCCCCAGGGCTATGGAAGTGGCATGCGGCCCCACCCAACCTCCCTTGCCACCAGCCAGGTCTGCCGTCC  
ATGAACATGGGTCCAGGAGTGCCTGGCCATGGGCCAGTCCCAGCGGTAACCTCGATCCCGTACTCTTCT  
CATCTCCTGGCAGCTACTCGGGACCCGAGGAGTAGGCGGAGCCCTGGAACACCCATCATGCCAGCCC  
TGGAGACTCCACCAACTCCAGCGAGAATATGTACACCATCATGAATCCCATCGTCCGGGCGCTGGCAGG  
GCTAACTTCCCGCTCGGCCAGCCCGGAGGGCCAATGGCCTCAATGAGCAGCATGGAGCCACACCAGC  
TGAACGGATCCCTGGGCTCGGGCGATATGGACGGGCTGCCGAAGAATTCCCCCGGCGCCTGGGCGGCCT  
GAGCAACGCCCGGGACCCCGCGCAGCATGGCGAGATGGCGGCTGCCGGGACCTTCTGCACCCGTTCC  
CCGAGCGAAAGCTACTCCCCGGCATGACCATGAGCGTG

**ACGCGT**ACGCGGCCGCTCGAG - GFP Tag - GTTTAA



[View online »](#)

**Protein Sequence:** >MG205577 representing NM\_133772  
Red=Cloning site Green=Tags(s)

MYGKASKGCAPSDGQAREKLALVYVEYLLHVGAQKSAQTFLSEIRWEKNITLGEPPGFLHSWWCVFDLY  
 CAAPDRREACEHSSEAKVFQDYSAAPSPVMGAMTPNDAMAAGPVAPGFFQPFMSPRFPGGARPILRMP  
 GQPPVGLPGSQPLIPAAMDPSRVQGHPSLGGPMQRTVPPRGMASVGPQYGTGMRPPNSLATSQVLPS  
 MNMGPGVRGPWASPSGNSIPYSSSSPGSYSGPAGVGGAPGTPIMPSPGDSTNSSENMYTIMNPIGPAGR  
 ANFPLGPSPEGPMASMTMEPHHVNGSLGSGDMDGLPKNSPGAVGGLSNAPGTPRDDGEMAAAGTFLHFP  
 PSESYPGMTMSV

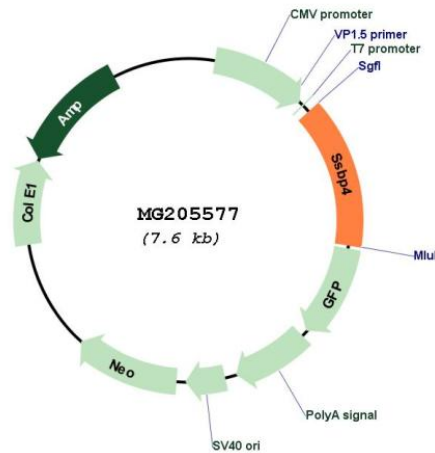
TRTRPLE - GFP Tag - V

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**Plasmid Map:**



**ACCN:** NM\_133772

<b>ORF Size:</b>	1089 bp
<b>OTI Disclaimer:</b>	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. <a href="#">More info</a>
<b>OTI Annotation:</b>	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_133772.1</a> , <a href="#">NP_598533.1</a>
<b>RefSeq Size:</b>	1457 bp
<b>RefSeq ORF:</b>	1092 bp
<b>Locus ID:</b>	76900
<b>Cytogenetics:</b>	8 B3.3