

## Product datasheet for **MG206052**

### Ss18 (BC096742) Mouse Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Ss18 (BC096742) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Ss18
Synonyms:	D130059H17, Syt
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>MG206052 representing BC096742 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGCTGTGGCGTTCGCAGCCCCGAGGCAGCGGGCAAGGGCGAAATCACGCCGCCGCCATCCAGAAGA  
TGCTGGATGAAAACAACCATCTTATTTCAGTGTATAATGGACTATCAGAACAAGGGAAGGCTCGGAGTG  
CTCGCAGTATCAGCAGATATTGCATACAAACCTGGTATACCTTGCTACAATAGCAGACTCTAATCAAAAT  
ATGCAGTCTCTTACCAGCACCGCCACACAGACTATGCCAATGGTCTCGAGGGATGAGTCAGAGTG  
GCCCTCCACCCCTCCCGCTCTACAACATGCCTTCAGATGGAATGGTGGTGGGGCCCTCCTGCACC  
ACACATGCAGAACCAGATGAACGCCAGATGCCTGGGCCTAACCATATGCCAATGCAGGGACCTGGACCC  
AGTCAGCTCAGCATGACAAACAGCTCCATGAATATGCCTTCAAGTAGCCATGGCTCCATGGGAGGTTACA  
ACCATTCTGTGCCGTATCCCAGAGCATGCCCGTGCAGAACAGATGACAATGAGTCAGGGGAGCCAAAT  
GGGAAACTATGGTCCCAGACCAACATGAATATGCAACCAAAATCAAGGGCCGATGATGCACCAGCAGCCT  
CCTTCTCAGCAGTACAATATGCCACCTGGAGGGGCACAGCATTACCAAGGACAGCAGCGGCCATGGGGC  
TGATGGCCAAGTTAACCAAGGCAGTCACATGATGGGCCAGCAGATGCCTCCCTACAGACCTCCGCA  
ACAGGGCCACCACAGCAGTACTCAGGCCAGGAAGACTATTATGGGGACCAATACAGTCATGGTGGACAA  
GGTCTCCAGAAGGCATGAACCAGCAATATTACCCTGATGGAACTCCAGTATGGCCAACAGCAAGAGC  
CTTACCAGGGACCACCTCCACAGCAAGGATACCCACCCACAGCAGCAGTACCCGGACAGCAGGGATA  
CCCAGGGCAGCAGAGCTATGGTCTTCGCAGGGCGGTCCAGGTCTCAGTATCCTAATTATCTCAG  
GGTCAAGGTCAGCAGTATGGGGCTATAGACCAACACAGCCAGGACCACCCAGCCACCCAGCAGAGGC  
CTTATGGGTACGACCAGGGACAGTATGAAATTACCAGCAG

**ACGCGT**ACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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**Protein Sequence:** >MG206052 representing BC096742  
 Red=Cloning site Green=Tags(s)

MSVAFAAPRQRGKEITPAAIQKMLDENHLLIQCIMDYQNKGKASECSQYQQILHTNLVYLATIADSNQN  
 MQSLLPAPPTQTMMPGPGGMSQSGPPPPRSHNMPSDGMVGGPPAPHMQNMNGQMPGPNHMPMQGPGP  
 SQLSMTNSSMNMPSSSHGSMGGYNHSPSSQSMPVQNQMTMSQGPNGYGRPNMNMQPNQGPMMHQQP  
 PSQQYNMPPGGAQHYQGQAPMGLMGQVNOGSHMMGQRQMPYRPPQGGPPQQYSQGEDYYGDQYSHGGQ  
 GPPEGMNQQYYPDGNSQYGGQQDAYQGGPPQGGYPPQQQYYPGQQQYPSGQSGGPGPQYPNYPQ  
 GGQQYGGYRPTQPGPPQPPQRPYGYDQGGYGNYYQQ

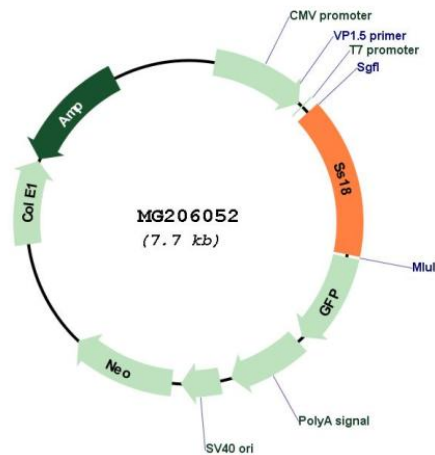
TRTRPLE - GFP Tag - V

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**Plasmid Map:**



**ACCN:** BC096742

<b>ORF Size:</b>	1163 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="#">BC096742</a> , <a href="#">AAH96742</a>
<b>RefSeq Size:</b>	2914 bp
<b>RefSeq ORF:</b>	1163 bp
<b>Locus ID:</b>	268996
<b>Cytogenetics:</b>	18 A1
<b>Gene Summary:</b>	Appears to function synergistically with RBM14 as a transcriptional coactivator. Component of SWI/SNF chromatin remodeling subcomplex GBAF that carries out key enzymatic activities, changing chromatin structure by altering DNA-histone contacts within a nucleosome in an ATP-dependent manner.[UniProtKB/Swiss-Prot Function]