

## Product datasheet for MR206052

### Ss18 (BC096742) Mouse Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Ss18 (BC096742) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Ss18
Synonyms:	D130059H17, Syt
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR206052 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGTCTGTGGCGTTCGCAGCCCCGAGGCAGCGGGCAAGGGCGAAATCACGCCGCCGCCATCCAGAAGA  
TGCTGGATGAAAACAACCATCTTATTTCAGTGTATAATGGACTATCAGAACAAGGGAAGGCTCGGAGTG  
CTCGCAGTATCAGCAGATATTGCATACAACTGGTATACCTTGCTACAATAGCAGACTCTAATCAAAT  
ATGCAGTCTCTTACCAGCACCGCCACACAGACTATGCCAATGGTCTCGAGGGATGAGTCAGAGTG  
GCCCTCACCCCTCCCCGCTCTACAACATGCCTTCAGATGGAATGGTGGTGGGGCCCTCCTGCACC  
ACACATGCAGAACCAGATGAACGCCAGATGCCTGGGCCAACCATATGCCAATGCAGGGACCTGGACCC  
AGTCAGCTCAGCATGACAAACAGCTCCATGAATATGCCTTCAAGTAGCCATGGCTCCATGGGAGGTTACA  
ACCATTCTGTGCCGTATCCCAGAGCATGCCCGTCGACAACCAGATGACAATGAGTCAGGGGAGCCAAT  
GGGAAACTATGGTCCCAGACCAACATGAATATGCAACCAAAATCAAGGGCCGATGATGCACCAGCAGCCT  
CCTTCTCAGCAGTACAATATGCCACCTGGAGGGGACAGCATTACCAAGGACAGCAGGCGCCATGGGGC  
TGATGGGCAAGTTAACCAAGGCAGTCACATGATGGGCCAGCAGATGCCTCCCTACAGACCTCCGCA  
ACAGGGCCACCACAGCAGTACTCAGGCCAGGAAGACTATTATGGGGACCAATACAGTCTGGTGGACAA  
GGTCTCCAGAAGGCATGAACCAGCAATATTACCCTGATGGAACTCCCAGTATGGCCAACAGCAAGAGC  
CTTACCAGGGACCCTCCACAGCAAGGATACCCACCCACAGCAGCAGTACCCGGACAGCAGGGGATA  
CCCAGGGCAGCAGAGCTATGGTCTTCGAGGGCGGTCCAGGTCTCAGTATCCTAATTATCTCAG  
GGTCAAGGTCAGCAGTATGGGGCTATAGACCAACACAGCCAGGACCACCCAGCCACCCAGCAGAGGC  
CTTATGGGTACGACCAGGGACAGTATGGAATTACCAGCAG

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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**Protein Sequence:** >MR206052 protein sequence  
 Red=Cloning site Green=Tags(s)

MSVAFAAPRQRGKEITPAAIQKMLDENNHLIQCIMDYQNKGKASECSQYQQILHTNLVYLATIADSNQN  
 MQSLLPAPPTQTMPMGGMSQSGPPPPRSHNMPSDGMVGGPPAPHMQNQMGMPGNHMPMQGPGP  
 SQLSMTNSSMNMPSSSHGSMGGYNHSPSSQSMVPVQNQMTMSQGPMPGNYPGRPNNMQPNQGPMMHQQP  
 PSQQYNMPPGGAQHYQGQAPMGLMGQVNOGSHMMGQRQMPYRPPQQGPPQQYSGQEDYYGDQYSHGGQ  
 GPPEGMNQYYPDGNSQYGGQQDAYQGPPPPQQYPPQQQYYPGQQQYSGQGGPQPYPNYPQ  
 GQGQQYGGYRPTQPQPQPQRPYGYDQGYGNYQQ

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**

Cloning sites used for ORF Shuttling:



\* The last codon before the Stop codon of the ORF

**ACCN:** BC096742

**ORF Size:** 1161 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:** [BC096742](#), [AAH96742](#)

**RefSeq Size:** 2914 bp

**RefSeq ORF:** 1163 bp

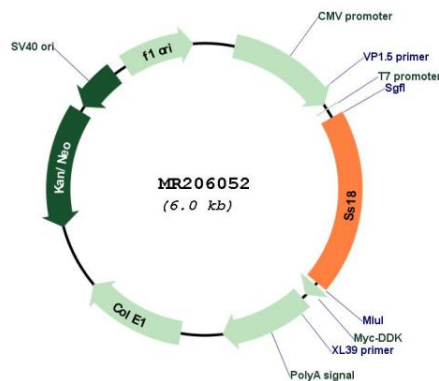
**Locus ID:** 268996

**Cytogenetics:** 18 A1

**MW:** 42.2 kDa

**Gene Summary:** 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]

**Product images:**



Circular map for MR206052