

Product datasheet for **MC214273**

Ss18 (NM_001161370) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Ss18 (NM_001161370) Mouse Untagged Clone
Tag: Tag Free
Symbol: Ss18
Synonyms: D130059H17; Ssxt; Syt
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC214273 representing NM_001161370
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGTCTGTGGCGTTCGCAGCCCCGAGGCAGCGGGCAAGGGCGAAATCACGCCGCCGCCATCCAGAAGA
TGCTGGATGAAAACAACCATCTTATTTCAGTGTATAATGGACTATCAGAACAAAGGAAGGCCTCGGAGTG
CTCGCAGTATCAGCAGATATTGCATACAAACCTGGTATACCTTGCTACAATAGCAGACTCTAATCAAAT
ATGCAGTCTCTTACCAGCACCGCCACACAGACTATGCCAATGGGTCCTGGAGGGATGAGTCAGAGTG
GCCCTCCACCCCTCCCGCTCTCACAACATGCCTTCAGATGGAATGGTGGTGGGGGCCCTCTGCACC
ACACATGCAGAACCAGATGAACGGCCAGATGCCTGGGCCGATGATGCACCAGCAGCCTCCTTCTCAGCAG
TACAATATGCCACCTGGAGGGGCACAGCATTACCAAGGACAGCAGGCGCCATGGGGCTGATGGGCCAAG
TTAACCAAGGCAGTCACATGATGGGCCAGCAGATGCCTCCCTACAGACCTCCGCAACAGGGCCACC
ACAGCAGTACTCAGGCCAGGAAGACTATTATGGGGACCAATACAGTCATGGTGGACAAGGTCTCCAGAA
GGCATGAACCAGCAATATTACCCTGATGGTCATAATGATTACGGTTATCAGCAACCGTCGTATCCTGAAC
AAGGCTACGATAGGCCTTATGAGGATTCCTCACAACTACTACGAAGGAGGAAACTCCCAGTATGGCCA
ACAGCAAGACGCTTACCAGGGACCCTCCACAGCAAGGATACCCACCCAGCAGCAGTACCCGGGA
CAGCAGGGATACCCAGGGCAGCAGCAGAGCTATGGTCCTTCGCAGGGCGGTCCAGGTCTCAGTATCCTA
ATTATCCTCAGGGTCAAGGTGAGCAGTATGGGGCTATAGACCAACACAGCCAGGACCACCCAGCCACC
CCAGCAGAGGCCTTATGGGTACGACCAGGGACAGTATGGAATTACCAGCAGTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001161370



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Insert Size:	1035 bp
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
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>NM_001161370.1</u> , <u>NP_001154842.1</u>
RefSeq Size:	2888 bp
RefSeq ORF:	1035 bp
Locus ID:	268996
Cytogenetics:	18 A1
Gene Summary:	<p>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]</p> <p>Transcript Variant: This variant (3) lacks an alternate in-frame exon compared to variant 1. The resulting isoform (3) has the same N- and C-termini but is shorter compared to isoform 1.</p>