

Product datasheet for MC214274

Ss18 (NM_001161369) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Ss18 (NM_001161369) 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: >MC214274 representing NM_001161369
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTCTGTGGCGTTCGCAGCCCCGAGGCAGCGGGCAAGGGCGAAATCACGCCCGCCGCATCCAGAAGA
 TGCTGGATGAAAACAACCATCTTATTTCAGTGTATAATGGACTATCAGAACAAAGGGAAGGCTCGGAGTG
 CTGCGAGTATCAGCAGATATTGCATACAAACCTGGTATACCTTGCTACAATAGCAGACTTAATCAAAT
 ATGCACTCTCTTACCAGCACCGCCACACAGACTATGCCAATGGTCCCTGGAGGGATGAGTCAGAGTG
 GCCCTCCACCCCTCCCGCTCTCACAACATGCCTTCAGATGGAATGGTGGTGGGGGCCCTCTGCACC
 ACACATGCAGAACCAGATGAACGGCCAGATGCCTGGGCCTAACCATATGCCAATGCAGGGACCTGGACCC
 AGTCAGCTCAGCATGACAAACAGCTCCATGAATATGCCTTCAAGTAGCCATGGCTCCATGGGAGGTTACA
 ACCATTCTGTGCCGTATCCCAGAGCATGCCCGTGCAGAACAGATGACAATGAGTCAGGGGCAGCCAAT
 GGGAAACTATGGTCCCAGACCAACATGAATATGCAACCAATCAAGGGCCGATGATGCACCAGCAGCCT
 CCTTCTCAGCAGTACAATATGCCACCTGGAGGGGCACAGCATTACCAAGGACAGCAGCGCCCATGGGCG
 TGATGGGCAAGTTAACCAAGGCAGTCACATGATGGGCCAGCAGATGCCTCCCTACAGACCTCCGCA
 ACAGGGCCACCACAGCAGTACTCAGGCCAGGAAGACTATTATGGGGACCAATACAGTCATGGTGGACAA
 GGTCTCCAGAAGGCATGAACCAGCAATATTACCTGATGGAACTCCAGTATGGCCAACAGCAAGACG
 CTTACCAGGGACCACCTCCACAGCAAGGATACCCACCCAGCAGCAGCAGTACCCGGGACAGCAGGGATA
 CCCAGGGCAGCAGCAGAGCTATGGTCTTCGCAGGGCGGTCCAGGTCCTCAGTATCCTAATTATCTCAG
 GGTCAAGGTCAGCAGTATGGGGCTATAGACCAACACAGCCAGGACCACCCAGCCACCCAGCAGAGGC
 CTTATGGTACGACCAGGACAGTATGGAAATTACCAGCAG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI



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ACCN:	NM_001161369
Insert Size:	1164 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_001161369.1, NP_001154841.1</u>
RefSeq Size:	3017 bp
RefSeq ORF:	1164 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 (2) lacks an alternate in-frame exon compared to variant 1. The resulting isoform (2) has the same N- and C-termini but is shorter compared to isoform 1.</p>