

Product datasheet for MC214275

Ss18 (NM_009280) Mouse Untagged Clone

Product data:

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| Product Type: | Expression Plasmids |
| Product Name: | Ss18 (NM_009280) 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: | >MC214275 representing NM_009280 Red=Cloning site Blue=ORF Orange=Stop codon |

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTCTGTGGCGTTCGCAGCCCCGAGGCAGCGGGCAAGGGCGAAATCACGCCGCCGCCATCCAGAAGA
TGCTGGATGAAAACAACCATCTTATTCAGTGTATAATGGACTATCAGAACAAAGGGAAGGCTCGGAGTG
CTCGCAGTATCAGCAGATATTGCATACAAACCTGGTATACCTTGCTACAATAGCAGACTTAATCAAAT
ATGCAGTCTCTTACCAGCACCGCCACACAGACTATGCCAATGGTCCCTGGAGGGATGAGTCAGAGTG
GCCCTCCACCCCTCCCGCTCTCACAACATGCCTTCAGATGGAATGGTGGTGGGGGCCCTCTGCACC
ACACATGCAGAACCAGATGAACGGCCAGATGCCTGGGCCTAACCATATGCCAATGCAGGGACCTGGACCC
AGTCAGCTCAGCATGACAAACAGCTCCATGAATATGCCTCAAGTAGCCATGGCTCCATGGGAGGTTACA
ACCATTCTGTGCCGTATCCCAGAGCATGCCCGTGCAGAACAGATGACAATGAGTCAGGGGCAGCCAAT
GGGAAACTATGGTCCCAGACCAACATGAATATGCAACCAAAATCAAGGGCCGATGATGCACCAGCAGCCT
CCTTCTCAGCAGTACAATATGCCACCTGGAGGGGCACAGCATTACCAAGGACAGCAGCGCCCATGGGCG
TGATGGGCCAAGTTAACCAAGGCAGTCACATGATGGGCCAGCAGATGCCTCCCTACAGACCTCCGCA
ACAGGGCCACCACAGCAGTACTCAGGCCAGGAAGACTATTATGGGGACCAATACAGTCATGGTGGACAA
GGTCTCCAGAAGGCATGAACCAGCAATATTACCTGATGGTCATAATGATTACGGTTATCAGCAACCGT
CGTATCTGAACAAGGCTACGATAGGCCTTATGAGGATTCCTCACAACATTACTACGAAGGAGGAAACTC
CCAGTATGGCCAACAGCAAGACGCTTACCAGGGACCACCTCCACAGCAAGGATACCCACCCAGCAGCAG
CAGTACCCGGGACAGCAGGGATACCCAGGGCAGCAGCAGAGCTATGGTCCCTTCGAGGGCGGTCCAGGTC
CTCAGTATCTAATTATCTCAGGGTCAAGGTGAGCAGTATGGGGCTATAGACCAACACAGCCAGGACC
ACCCAGCCACCCAGCAGAGGCCTTATGGGTACGACCAGGGACAGTATGGAAATTACCAGCAG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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|-------------------------------|---|
| Restriction Sites: | Sgfl-Mlul |
| ACCN: | NM_009280 |
| Insert Size: | 1257 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: | NM_009280.2 , NP_033306.2 |
| RefSeq Size: | 3110 bp |
| RefSeq ORF: | 1257 bp |
| Locus ID: | 268996 |
| UniProt ID: | Q62280 |
| Cytogenetics: | 18 A1 |
| 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] Transcript Variant: This variant (1) represents the longest transcript and encodes the longest isoform (1). |