

Product datasheet for **RR207364**

Ss18 (NM_001100900) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Ss18 (NM_001100900) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Ss18
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RR207364 representing NM_001100900
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGTCTGTGGCGTTCGCAGCCCCGAGGCAGCGGGCAAGGGCGAGATCACGCCCGCCGCATCCAGAAGA
TGCTGGATGAAAATAACCACTTATTTCAGTGTATAATGGACTATCAAAATAAAGGGAAGGCCTCGGAGTG
CTCTCAGTACCAGCAGATACTGCATACAACTGGTATACCTTGCTACCATAGCAGACTCCAATCAAAAT
ATGCAGTCTCTCTACCGGCCCGCCTACACAGAATGTGCTATGGTCTCGAGGGATGAGTCAGAGTG
GCCCTCCACCCCTCCCGCTCTCACAGCATGCCTTCAGATGGAATGGTGGTGGGGCCCTCCTGCACC
ACACATGCAGAACCAGATGAACGGCCAGATGCCTGGCCCTAACCATATGCCAATGCAGGGACCTGGACCC
AGTCAGCTCAGCATGACGAACAGCTCCATGAATATGCCTTCGAGTAGCCACGGCTCCATGGGAGGCTACA
ACCATTCTGTGCCATCGTCCCAGAGCATGCCCGTGCAGAACCAGATGACAATGAGTCAGGGGAGCCAAAT
GGGAAACTATGGTCCCAGACCAACATGAATATGCAACCAAAATCAAGGTCCCATGATGCACCAGCAGCCT
CCTTCTCAGCAGTACAGCATGCCACCTGGAGGTGCGCAGCATTACCAAGGACAGCAGGCGCCCATGGGGC
TGATGGGTCAAGTTAACCAAGGCAGTCACATGATGGGCCAGAGACAGATGCCTCCCTATAGACCTCCACA
ACAGGGCCACCACAGCAGTACTCAGGCCAGGAAGACTATTATGGGGACCAATACAGTCATGGTGGACAA
GGTCTCCAGAAGGCATGAACCAGCAATATTACCTGATGGTCATAATGATTACGTTATCAGCAACCGT
CGTATCCTGAACAAGGCTACGATAGGCCTTATGAGGAGTCTCACCACATTAAGGCAAGGAGGAAACTC
GCAGTACGGCCAGCAGCAGGACGCTTACCAAGGACCACCTCCACAGCAAGGATACCCACCCAGCAGCAG
CAGTACCCGGGGCAGCAGGGCTACCCAGGACAGCAGCAGGGCTACGGTCTACCCAGGGCGGTCCAGGGC
CTCAGTATCCTAATTATCCTCAGGGTCAAGGTGAGCAGTATGGGGCTATAGACCAACACAGCCAGGACC
ACCACAGCCACCCAGCAGAGGCCTTATGGGTACGACCAGGACAATATGAAATTACCAGCAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >RR207364 representing NM_001100900
 Red=Cloning site Green=Tags(s)

MSVAFAAPRQRGKEITPAAIQKMLDENNHLIQCIMDYQNKGKASECSQYQQILHTNLVYLATIADSNQN
 MQSLLPAPPTQNVPMGPGGMSQSGPPPPRSHSMPSDGMVGGPPAPHMQNMNGQMPGPNHMPMQGPGP
 SQLSMTNSSMNMPSSSHGSMGGYNHVSVPSSQMPVQNQMTMSQGPNGYGRPNMNMQPNQGPMMHQQP
 PSQQYSMPGGAAHYQGQAPMGLMGQVNGQSHMMGQRQMPYRPPQGGPPQQYSGQEDYYGDQYSHGGQ
 GPPEGMNQQYYPDGHNDYGYQQPSYPEQGYDRPYEESSPHYCEGNSQYGGQQDAYQGPPPPQQGYPPQQQ
 QYPGQQGYPGQQGYGPTQGGPGQYPNYPQGGQYGGYRPTQPGPPPPQRPYGYDQGGYGNYYQQ

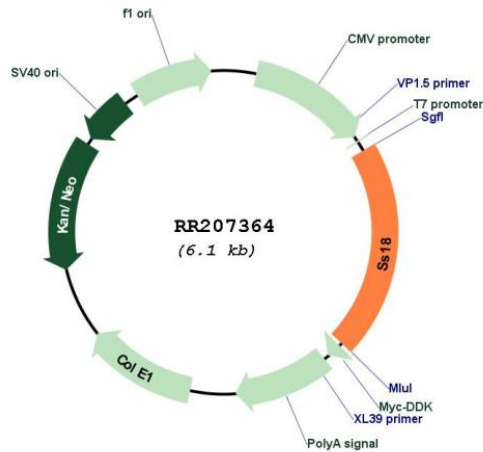
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001100900

ORF Size:	1254 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:	<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_001100900.1 , NP_001094370.1
RefSeq Size:	2954 bp
RefSeq ORF:	1257 bp
Locus ID:	361295
Cytogenetics:	18p13
MW:	45.7 kDa