

Product datasheet for **RR214869**

Stk19 (NM_001013197) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Stk19 (NM_001013197) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Stk19
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RR214869 representing NM_001013197
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAATCGTAAGAGACGTCTCTGGCGTCTGAGGTTTTGGAGTGAAGCGACGGCGGGTCCCGGGCCCCG
TGAGAGCGGATCCTCTAAGGGCGGAAGCAGGTTCCGGCACGCGAGGCCATCGAAGAGCTCGTGCAGCTGTT
CCCACGGGGCTGTTTCGAGGACGCGCTGCCGCCATCGCGCTGAGGACTCAAGTGTACAGCTGGTGCCG
GACAGGACGGTGGCCGACTGCAGCTGAAGGAGCTTCAAGATCGGGGAGAGATCCAAGTCATCCAGCTAG
GCTTTGACTTGGATGCCACGGAATTGTCTTCACTGAAGACTACAGGACCAGGTCCTCAAGGCCTGCGA
TGGCCGACCATGCGCTGGGGCGGTGCAGAAGTTCTGGCCTCGGTGCTCCAGCCTGTGGGGACCTAGT
TTCCAGCAGGACCAGATGACACAGACTTACGGCTTCAAGGACTCGGAGATCACGCACCTGGTGAATGCTG
GAGTCTCACTGTCCGTGATGCTGGAAGCTGGTGGCTGGCTGTGCCCGGAGCTGGGAGATTCATTAAGTG
CTTTGTTAAAGGACGCCAGGCTGTACTGAGCATGGTGGGAAGGCCAAGTACCGGGAGCTCCCTGTCCG
GAGCTCCTGGGCCGAGAGTCCCTTCAAGCAGTGGCTAGGTCTTGCTACCATGTGCATGACCTCATTG
GGCACAGCTGGTGGACTGTGTCCACCACCTTCTGGAACCTCCTTCGCTGCCAGATACG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RR214869 representing NM_001013197
Red=Cloning site Green=Tags(s)

MNRKRRLLASEVFGVKKRRVPGVPRADPLRAEAGSAREAIIEELVQLFPRGLFEDALPPIALRTQVYSLVP
DRTVADLQKELQDRGEIQVIQLGFDLDAHGIVFTEDYRTRVLKACDGRPCAGAVQKFLASVLPACGDLS
FQQDQMTQTYGFRDSEITHLVNAGVLTVRDAGSWWLAVPGAGRFIKCFVKGRQAVLSMVRKAKYRELPLS
ELLGRRVPSAVRLGLAYHVHDLIGAQLVDCVPTTSGTLRLRPDT

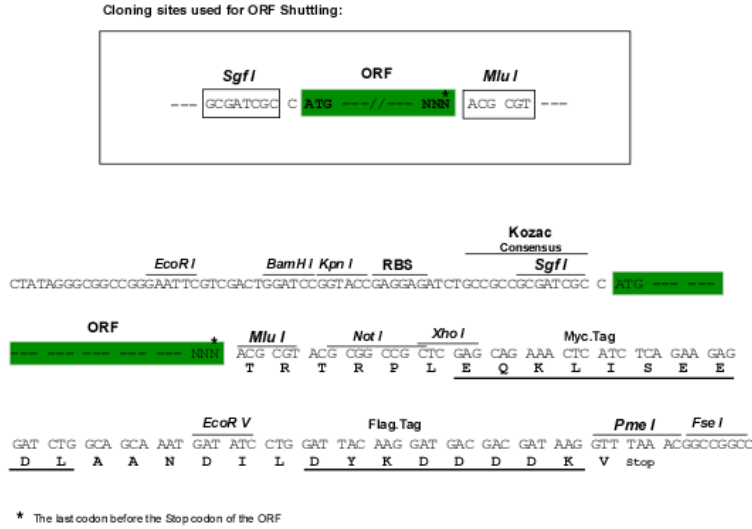
TRTRPLEQKLISEEDLAANDILDYKDDDDKV



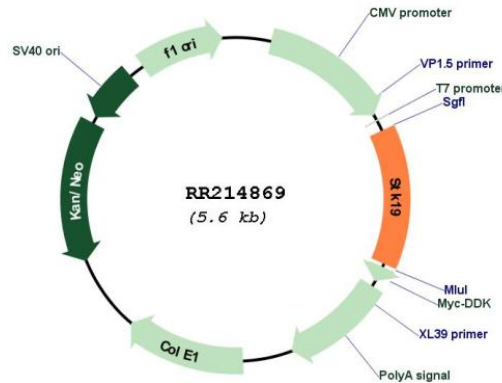
[View online »](#)

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001013197

ORF Size: 762 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:	<u>NM_001013197.2, NP_001013215.2</u>
RefSeq Size:	1161 bp
RefSeq ORF:	765 bp
Locus ID:	361800
Cytogenetics:	20p12
MW:	28.1 kDa