

Product datasheet for **RR211942**

Stk38l (NM_001083336) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Stk38l (NM_001083336) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Stk38l
Synonyms:	RGD1564793
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

ORF Nucleotide Sequence:

>RR211942 representing NM_001083336
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCAATGACGGCAGGGGCAACAACACCTTTTCCTATGAGCAGCCATACCCGGGAACGAGTCACTGTGG
 CCAAGCTCAGCTGGAGAATTTTACAGCAACCTAATTTTGCAGCATGAAGAGAGAGAAAACAGGCAGAA
 GAAGTTAGAAGTGGCTATGGAAGAAGAAGGACTGGCAGACGAGGAGAAAAAGTTACGCCGGTCACAGCAT
 GCTCGGAAAGAAACAGAGTTCTACGCCTGAAGAGGACCAGACTTGGCCTGGATGACTTCGAGTCTCTGA
 AGGTCATAGGAAGAGGAGCTTTTCGGAGAGGTGCGGCTGGTCCAGAAGAAGGACACAGGGCACATCTATGC
 CATGAAGATCCTGAGGAAAGCTGACATGCTTGAGAAGGAGCAGGTGGCTCATATCCGAGCGGAGAGAGAC
 ATTCTGGTGGAGGACGAGCCTGGGTAGTGAAGATGTTCTACAGCTTTCAGGACAAGCGAACCTCT
 ATCTCATATGGAGTTCCTTCTGGAGGTGACATGATGACATTGCTGATGAAGAAGGACACCTTAACAGA
 AGAGGAGACGCAGTTCTACATCTCAGAGACTGTCTTGGCGATTGACGCAATCCACCAGCTAGGCTTCATC
 CACCGGGACATCAAGCCAGACAACCTTTTACTGGATGCCAAGGGACATGTAAAATATCTGATTTTGGTT
 TGTGCACGGGTTAAAGAAGGCTCACAGGACTGAATTCTACAGAAACCTCACACACAACCCACCAAGCGA
 CTTCTCATTTTCAGAACATGAACTCGAAGCGGAAAGCAGAGACGTGGAAGAAGAACAGGAGGCAGCTGGCT
 TATCCACAGTTGGAACACCAGACTACATTGCTCCAGAGGTCTTCATGCAGACAGGGTACAACAAGCTGT
 GTGACTGGTGGTCTTGGGAGTGATTATGTATGAGATGCTAATAGGCTTTCACCTTTCTGCTCCGAGAC
 ACCTCAAGAAACGTACAGGAAAGTTATGAGCTGGAAGGAGACGCTGGCATTTCCTCCAGAGGTGCCCGTC
 TCTGAGAAAGCCAAGGACTTGATTCTCAGATTTGTACTGATTCTGAAAACAGAATTGGGAATGGTGGTG
 TGAAGAGATCAAAGGTATCCGTTCTTTGAGGGTGTGGACTGGGGGCACATAAGGGAAGGACAGCAGC
 TATCCCTATAGAAATCCGGAGCATAGATGACACCTCAAACCTTCGATGACTTCCCTGAGTCTGATATCTTA
 CAGCCAGTGCCGAATACCACAGAGCCTGACTACAATCCAAGACTGGGTCTTTCTCAATTACACCTACA
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 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

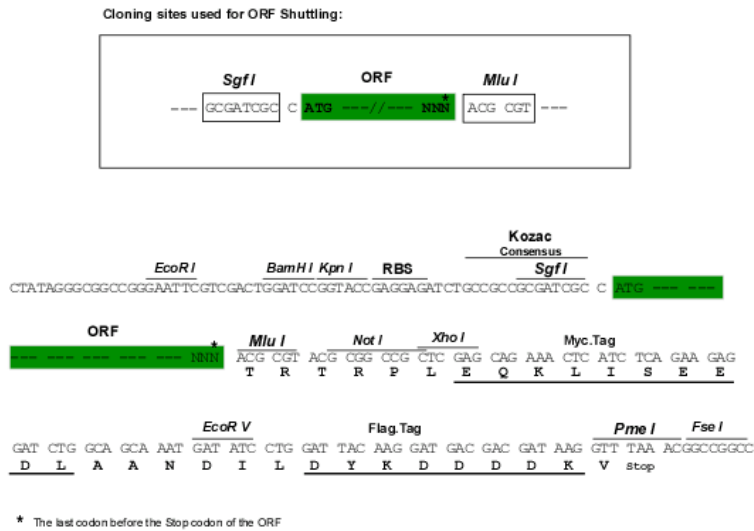
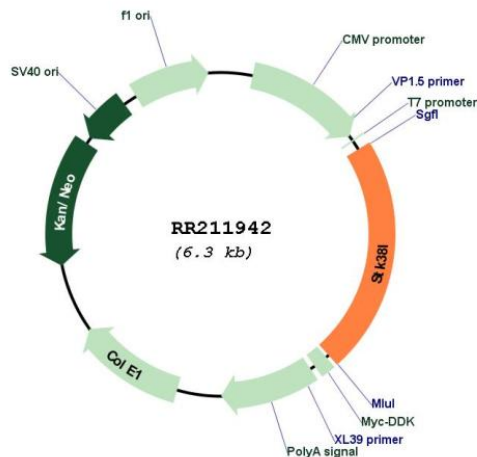
>RR211942 representing NM_001083336
 Red=Cloning site Green=Tags(s)

MAMTAGATTFPMSHTRERVTVAKLLENFYNSLILQHEERETRQKKLEVAMEEEGLADEEKKLRRSQH
 ARKETEFRLRKRTRLGLDDFESLKVIGRGAFGEVRLVQKKDTGHIYAMKILRKADMLEKEQVAHIRAERD
 ILVEADGAWVVMFYSFQDKRNLYLIMEFLPGGDMMLLMKKDTEETQFYISETVLAIDAIIHQLGFI
 HRDIKPDNLLLDAGHVKLSDFGLCTGLKKAHRTEFYRNLTHNPPSDFSFQNMNSKRKAETWKNRRQLA
 YSTVGTDPDYIAPEVFMQTYNKLCDWWSLGVIMYEMLIGFPPFCSETPQETYRKVMSWKETLAFPPEVPV
 SEKAKDLILRFCTDSENRI GNGGVEEIKGHPFFEGVDWGHIRERPAAIPIEIRSIDTNSFDDFPESDIL
 QVPNTTEPDYKSKDWVFLNYTYKRFEGLTQRGSIPTYMKAGKL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

Cloning Scheme:

Plasmid Map:


ACCN: NM_001083336

ORF Size: 1392 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:

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_001083336.1](#), [NP_001076805.1](#)

RefSeq Size: 2406 bp

RefSeq ORF: 1395 bp

Locus ID: 691337

Cytogenetics: 4q44

MW: 53.8 kDa