

Product datasheet for **RR212795**

Sppl2c (NM_001105847) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Sppl2c (NM_001105847) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Sppl2c
Synonyms:	Imp5; RGD1560562
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide
Sequence:

>RR212795 representing NM_001105847
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGGCATGCCTGGGTTCCCTCCTCCCCATAGGCTCACTCCTCCTCCTCCTCAGCCCCGAGGCCCGGG
 GAGAATATGGCGTGGTCCGAGTCGTGTCAAAGAACTGGAACAAGGATTATTGTGTCTGTATAGCTCTGA
 CTATGTACCCCTCCCCGGGACCTGAGCCATGCCCACTTCTGCCCTGCATGATGGCACCACAGACACCA
 TGGTGTCCGGATGAAGACTCTTTCCACCAGGCCAAGACAGTTCCCTTAGTCAGCGACCCCTGCACCAGA
 CTACGACCATGGTGTGCGTGGCAACTGTAGTTCTATGCCAAGGGCTGGTTGGCTCAAGACCACGGTGC
 CCATGGGTTGCTCATTGTGAGCCGGGCCAGCAATCAGCAGTGTTCAGACACCACCTCAAAGCCCCAGGAC
 CCCAGCAAGCCCCGGCTGCTCTACTATTCCAGTGGCTGTGCTCCGCTACACTGACATGTTGGACATCC
 TCAGCCCACTTACGGTGACACCAATGTCCACATAGCCATGTACGCTCCCCTAGAGCCTATCATTGACTA
 TAACATGGTGATTATCTTTATCCTGGCTGTGGCACGGTTGCCGACGGTGGCTACTGGGCTGGTTTGATG
 GAGGCAGACAGGCTGCAGAGACACCAGGCCGAAGAGGAGGGGGTTTGGTGGTCACAATCAATCACAAA
 CGGTGTACAGTGAAGGTCCTCAAGGGCTGAAAGAGGAAGACTATGAAGACGCAGCTGTGGATTTAC
 ACCAGCCATGACGGGCGCTGTGGTCACCATGTCCTGCTCTATCATGGTTCTGCTCTACTTCTTCTACGAC
 TGCTTCGTCTACATCATGATTGGGATCTTCGGCTTGGGTGCCAGTACCGGCTCTACAGCTGCCTGGCAC
 CCATAGTGCCTACCTGCCCTATGGCAACACCAGTGGTCTGCCTGGACACCGGGCTTCTGTAAGTT
 GTCATTACTGTGCTGGCGGGCTGTGTCCATGGTACTGTCTCTGGTCACTACCGCAATGAGGAC
 CGTTGGCATGGCTCTGCAGGACACTTGGGTGTGGCTACTGCCTCTTTGCTGAGGCGGGTGGCC
 TGCCACGCTCAAGAAGTGCATTCGTTCTGCTGGCCCTGCTGGCCTTCGATGCTTCTTCTGCTTTAT
 CACACCCCTGTTCACTAAGACCGGGAAAGCATTATGGTAGAGGTGGCATCGGGCCCGGTAGACTCTTCA
 AGCCACGAGAGGTTACCTATGGTGTCAAAGTGCCCGGATGAGCTTCTCCGCTTGACATTGTGCGACC
 AGCCCTTCTCCATCCTTGGCTTTGGTGACATTGTTGTCCCTGGCTTCTAGTGGCCTACTGTCACCGCTT
 CGACGTGCAAAATCCAATCTCGCCAGGTCTACTACAGGGCTGTACAGTGGCCTATGCCATGGGCCTGCTA
 GTCACCTTCGTCGCCATGGTCTCATGCAGATGGGCCAGCCCGCCTACTCTACTTAGTGTCCAGCACCC
 TGCTTACCAGCCTCGTGGTGGCCACCTGCCCAAGAGCTCACCTTTTCTGGACCGCCAGGGCAGAGC
 TAAGATACCTGCTGAGCCTGTGGTACAGCCCTGCATTGTCTCTGCTGTAGCCTGCAGGATGAAGCTGGAG
 GGTGTGAAGGATCCCGTGTGACCAACAGGTTTGGAGAGGCCATTGACAGAGAGTCAGGGGACTTAGACA
 GCAACCCCGGGGATGACATAGCAGAGATGGTCACCCTCTCTGAAGATGAAGCCACGAGTCCAGAGGGCCA
 CAGTGAGAGTTCGAGGGCTGGAGTGACACCAACTTAGACCCGATGAGCTACCTCTGGGTCCCCCATG
 GCCCTAGAGGAGCTGATGCCTCTGGCCATGTTGATACCACTGATCCCACCAATCCCACACACCTCCGAGT
 TGGGCCGATCCACACCCAGTCTCGGGTCCGTGACAGCAGCCTGCCCTGGATGGGATGCACAAGAGAAA
 GGGCTTGAAGGTGAAGAAGAGTATGTCAACCCAGGCTCCCCTA

ACGCGTACGCGGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RR212795 representing NM_001105847
Red=Cloning site Green=Tags(s)

MACLGSLLPIGSLLLLLLSPEARGEYGVVVRVSKNWNKDYCVLYSSDYVTLPRDLSHAPLLPLHDGKTKP
 WCPDEDSFHQAQDSSLQRPLHQTTTMMVVRGNCSFYAKGWL AQDHGAHGLLIVSRASNQQCDTTSKPKQD
 PSKPRPAL TIPVAVLRYTDMLDILSHTYGD TNVHIAMYAPLEPIIDYNMV IIFILAVGTVAAGGYWAGLM
 EADRLQRHQARRGGFGGHNQSQT VSAERSPRAWKEEDYEDA AVDFTPAMTGAVVTMSCSIMVLL YFFYD
 CFVYIMIGIFGLGASTGLYSCLAPIVRYLPLWQH QWVLPGHRASVKLSLLLLAGLCAMVTVLWVIYRNE
 RWAWLLQDTLGVAYCLFVLRVRRLPTLKNCTSFLLALLAFDVFFVFITPLFTKTGESIMVEVASGPVDS
 SHERLPMVLKVP RMSFSAL TLCDQPF SILGFGDIVVPGFLVAYCHRFDVQIQSRQVYYRACTVAYAMGLL
 VTFVAMVLMQMGQP ALLYLSVSTLLTSLVVATCRQELTLFWTGGRAKIPAEV VQPCIVSAVACRMKLE
 GVKDSRVTNRFEEAIDRESGDLDSNPGDDIAEMVTLSEDEAT SPEGHSESSEGWSDTNLDPDELPSGSPM
 ALEELMPLAML IPLIPPHTSELGRIHTQSRVRDSSLPMMGMHKR KGLKVKKSMSTQAPL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

Cloning Scheme:



ACCN: NM_001105847

ORF Size: 2073 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_001105847.1](#), [NP_001099317.1](#)

RefSeq Size: 2231 bp

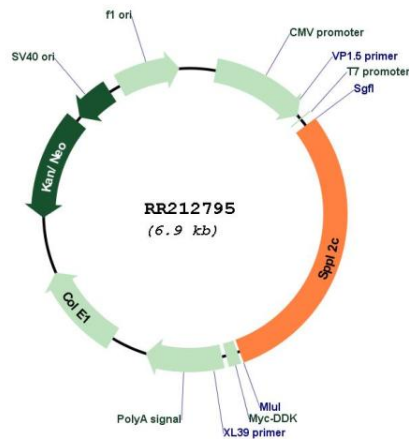
RefSeq ORF: 2076 bp

Locus ID: 287753

Cytogenetics: 10q32.1

MW: 76.4 kDa

Product images:



Circular map for RR212795