

## Product datasheet for **RR202673**

### Sprr3 (NM\_001107686) Rat Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Sprr3 (NM_001107686) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Sprr3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RR202673 representing NM_001107686 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGAGTTCTTACCAGCAAAGCAGCCCTTCGTTGCACCTCCTCAGCCTCAACAGCATCAAGTGAAGCAAC  
CTTGTCAGCCTCCACCACAAGGAAAATTTGTTCCCATAGCCACCTCCGAACCATGCCACACTGGTGTTC  
ACAACCAGGAAACACCAAGATCCAGAACCATGCAGCACCAAAGTGCCTGAGCCAGGCTACACTGTTGTT  
CTTGAGCCAGATTATACTACAGTGCCTGGGTGATGTTCTACCAACGTACCAAGCCAGATTATACCACAA  
TTCCTGGGCCATGCTCGACCAACATCCCTGGGCCAGATAACGTGGTTCCTGAGTCATGCTCTACCAACAT  
CACTGAGCCAAAATTATACCACGATTCCTGGGCCATGCTCTACTAACATCCCTGGGCCAGATACCATGGTT  
CCTGGGTGATGCTCTACCAGCACCCTGAGCCAAATTATACCACAATTCATGGGCCATGCACTACCAACA  
TCCCTGACCCTGGCTGTGCCATGGTTCCTGGGCCATGCTCTACCAATATCTCTGAGCCAAGTTCAGAGCC  
ATGTTCTACCAATGTCCGTGAACCTGGCTACCTGAATGCCTCAGAGCCCACGAATGCCAAGGTTCTGAT  
CAGGGATACCAAGATACCTGACCAGGGATACTCAAAGGTACCAGAGCCATGCCAGTCCAGAATCCTG  
AGGTGTGCCCCAACACTGTACCCAGGATTAGCTCAGCAGAAGACCAAGCAGAAG

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



[View online »](#)

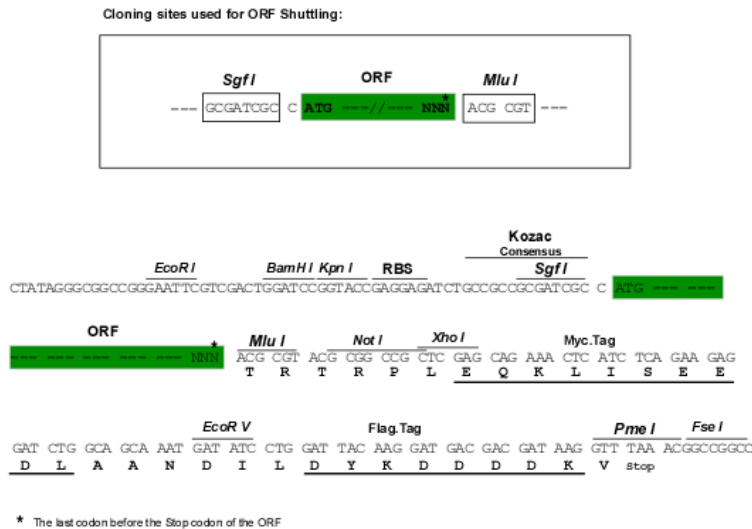
**Protein Sequence:** >RR202673 representing NM\_001107686  
Red=Cloning site Green=Tags(s)

MSSYQQKQPFVAPPQQQHQVKQPCQPPPQKGFVPIATSEPCHTGVQPQGNTKIPEPCSTKVPEPGYTVV  
 LEPDYTTVPGSCSTNVTKPDYTTIPGPCSTNIPGPDNVPEESCSTNITEPNYTTIPGPCSTNIPGPD  
 PGSCSTSTTEPNYTTIHGPCTTNIIPDPCAMVPGPCSTNISEPSSEPCSTNVREPGYLNASEPTNAKVPD  
 QGYTKIPDQGYKVPPEPCQSRTPVEVCPTTVTPGLAQQKTKQK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**ACCN:** NM\_001107686

**ORF Size:** 756 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\\_001107686.1](#), [NP\\_001101156.1](#)

**RefSeq Size:** 759 bp

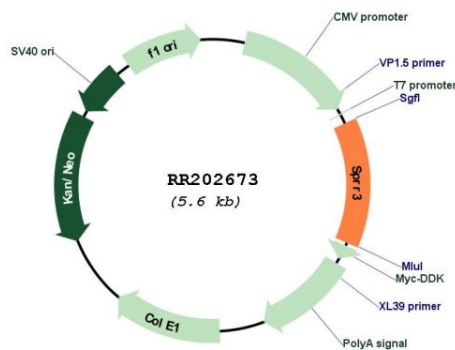
**RefSeq ORF:** 759 bp

**Locus ID:** 310575

**Cytogenetics:** 2q34

**MW:** 26.6 kDa

**Product images:**



Circular map for RR202673