

## Product datasheet for **RR206631**

### Sgta (NM\_022703) Rat Tagged ORF Clone

#### Product data:

Product Type: Expression Plasmids  
 Product Name: Sgta (NM\_022703) Rat Tagged ORF Clone  
 Tag: Myc-DDK  
 Symbol: Sgta  
 Synonyms: Stg  
 Vector: pCMV6-Entry (PS100001)  
 E. coli Selection: Kanamycin (25 ug/mL)  
 Cell Selection: Neomycin  
 ORF Nucleotide Sequence: >RR206631 representing NM\_022703  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGGACAACAGGAAGCGCCTGGCCTATGCCATCATCCAGTTCCTGCATGGCCAGCTGCGGCACGGTGGGC  
 TCTCGTCCGACGCCAGGAGAGCCTAGAGGTTGCCATCCAGTGTCTGGAAACAGCCTTTGGGGTGCAGCT  
 GGAGGACAGTGACCTTGCTCTCCCGCAGACCCTGCCAGAGATATTTGAAGCAGCCACTGCCAGCAAGGAG  
 ATGCCACAGGACCCGAGGGGCCCTGACAGGACACCACCTCTGAGGAGGACTCAGCTGAGGCAGAGCGCC  
 TTTAAACAGAAGGTAACGAGCAGATGAAGTTGGAAAACCTTTGAGGCAGCAGTGCACCTCTATGGCAAAGC  
 CATTGAGCTCAACCCCGCAACGCCGTTTACTTCTGTAACAGAGCTGCGGCCTACAGCAAGCTGGGAAAC  
 TACGTGGGGCGGTACAGGACTGTGAGCGGCCATTGGCATTGATCCCGGTACAGCAAGGCCTATGGCC  
 GCATGGCCTTGCGCTGTCCAGCCTGAACAAACATGCGGAGGCTGTGGCGTACTACAAGAAGGCCCTGGA  
 GCTGGACCCTGACAACGACACGTACAAGTCCAACCTCAAGATCGCAGAGCTGAAGTTACGGGAGGCGCCG  
 AGCCCTACGGGCGCGTGGCAGCTTAGACATCGCTGGCCTGCTGAACAACCCGCACTTCATCACTATGG  
 CTTGAGCTTAATGAACAGCCCCAGCTCCAGCAGCTCATGTGCGGAATGATCTCTGGAGGCCATAACCC  
 TCTGGGCACCCAGGCAGCAGTCCACAGCACAGTGACCTGGCCAGTCTCATCCAGGCGGGCCAGCAGTTT  
 GCACAGCAGATGCAGCAGCAGAACCAGAGTTCGTGGAGCAAATCCGGAGCCAGGTGTTGCGCAGCCGGA  
 CACCCAGTGCCAGCCACGAGGAGCAGCAAGAG

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA



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**Protein Sequence:** >RR206631 representing NM\_022703  
 Red=Cloning site Green=Tags(s)

MDNRKRLAYAI IQFLHGQLRHGGLSSDAQESLEVAIQCLETAFGVTLESDLALPQTLPEIFAATASKE  
 MPQDPRGPDRTTPPSEEDSAEAERLKTGNEQMKLENFEAAVHL YGKAIELNPNANAVVFCNRAAAYSKLGN  
 YVGAVQDCERAIGIDPGYSKAYGRMGLALSSLNKHAEAVAYYKKALELDPDNDTYKSNLKIAELKLRAP  
 SPTGGVGSLDIAGLLNPHFITMASSLMNSPQLQQLMSGMISGGHNPLGTPGSSPQHSDLASLIQAGQQF  
 AQQMQQQNPEFVEQIRSQVVRSRTPSASHEEQQE

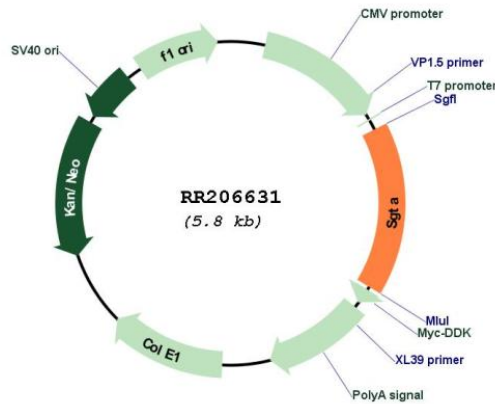
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:** Sgfl-MluI

**Cloning Scheme:**



**Plasmid Map:**



**ACCN:** NM\_022703

**ORF Size:** 942 bp

<b>OTI Disclaimer:</b>	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. <a href="#">More info</a>
<b>OTI Annotation:</b>	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_022703.3</a> , <a href="#">NP_073194.1</a>
<b>RefSeq Size:</b>	1260 bp
<b>RefSeq ORF:</b>	945 bp
<b>Locus ID:</b>	64667
<b>UniProt ID:</b>	<a href="#">O70593</a>
<b>Cytogenetics:</b>	7q11
<b>MW:</b>	34.2 kDa
<b>Gene Summary:</b>	binds the parvovirus H-1 nonstructural protein NS1 and may be modified by viral infection [RGD, Feb 2006]