

## Product datasheet for **RN208799**

### Stom (NM\_001011965) Rat Untagged Clone

#### Product data:

Product Type: Expression Plasmids  
 Product Name: Stom (NM\_001011965) Rat Untagged Clone  
 Tag: Tag Free  
 Symbol: Stom  
 Vector: pCMV6-Entry (PS100001)  
 E. coli Selection: Kanamycin (25 ug/mL)  
 Cell Selection: Neomycin  
 Fully Sequenced ORF: >RN208799 representing NM\_001011965  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGTCTGACAAACGCCAGTCCGGCCATGTCCAGTCTCAGCGGGTCCCGAGTCCTTCAGGGATAATTCCA  
 AGGCAGAACTGGACCATGTGGATGGATTTTGGTGGCTGTCTCGTTCATCTTCGTGCTTATAACTTTCCC  
 AATATCAATTTGGATTTGCATAAAGATTGTGAAGGAGTATGAAAGAGTGATCATCTTCAGACTGGGCCGC  
 ATTTTGAAGGTGGCGCCAAAGGACCTGGTGTGTTTTTCATCCTGCCGTGCACTGACAGCTTCATCAAGG  
 TGGACATGAGGACCATCTCCTTCGATATTCGCCACAGGAGGTGCTCACTAAGGACTCGGTGACCATCAG  
 CGTGGATGGTGTGGTCTATTACCGTGTTCAGAACGCAACCCTGGCTGTGGCAAATATCACCATGCAGAT  
 TCGGCAACCCGTCTTTTGGCGAAACTACCCTCAGGAATGCGCTGGGCACCAAGAACCTGTCTCAGATCC  
 TCTCTGACAGAGAAGAGATCGCACACCACATGCAGAGTACGCTGGATGACGCCACAGATGACTGGGGAT  
 AAAGGTCGAGCGTGTGGAGATTAAGGACGTGAAGCTGCCAGTACAGCTCCAGAGAGCCATGGCTGCAGAG  
 GCAGAAGCCGCCGGGAGGCTAGAGCCAAGGTGATTGCAGCCGAAGGGGAAATGAATGCATCCAGGGCTC  
 TGAAGAAGCATCCATGGTTATCACGGAGTCTCCTGCTGCCCTTCAGCTCCGGTACCTTCAAACCCTGAC  
 CACTATCGCTGCGGAGAAAACTCCACCATTGTCTCCCTCTGCCCATCGACATGTTGCAGGCATCATG  
 GGTTCCCACTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI  
 ACCN: NM\_001011965  
 Insert Size: 855 bp



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**OTI Disclaimer:** Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at [custsupport@origene.com](mailto:custsupport@origene.com) or by calling 301.340.3188 option 3 for pricing and delivery.

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](#)

**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\\_001011965.1](#), [NP\\_001011965.1](#)

**RefSeq Size:** 1792 bp

**RefSeq ORF:** 855 bp

**Locus ID:** 296655

**Cytogenetics:** 3p11