

Product datasheet for **RR209615**

Stoml3 (NM_001106431) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Stoml3 (NM_001106431) Rat Tagged ORF Clone
 Tag: Myc-DDK
 Symbol: Stoml3
 Mammalian Cell Selection: Neomycin
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 ORF Nucleotide Sequence: >RR209615 representing NM_001106431
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGC**

ATGGATTCACCCGAGAACTGGAGAAGAACAATTTAGTGGGCACCAACAAAGCCGGCTTGGTGTATGCG
 GCTGGATTCTGTTTTCTTTCTTCTGTTGATGCTCATTACCTCCCGGTCTCAATATGGATGTGCTT
 GAAGATCATTAAAGGAGTATGAGCGTGCTGTTGTCTTCAGACTGGGACGCATCCAAGCTGATAAAGCCAAG
 GGACCAAGTACGGCAGAGACTATGGGCACCACCACCACCACCACCACCACCACCACCACCACCACCACCA
 CCACGACCATCTCCACCACCACCACCACCAGGGGCATCTAT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RR209615 representing NM_001106431
 Red=Cloning site Green=Tags(s)

MDSPEKLEKNNLVGTNKSRLGVCWILFFLSFLLMLITFPVSIWMCLKIIKEYERAVVFRLLGRIQADKAK
 GPGTAETMGTTTTTTTTTTTTTTTTTISTTTTTTGIY

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI



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Cloning Scheme:



ACCN: NM 001106431

ORF Size: 321 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:

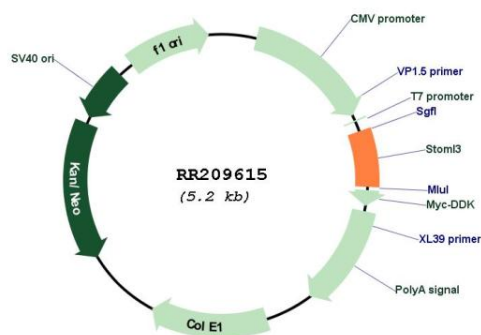
1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store 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_001106431.1](#), [NP_001099901.1](#)

RefSeq Size: 692 bp

RefSeq ORF: 324 bp
 Locus ID: 295041
 Cytogenetics: 2q26
 MW: 11.8 kDa

Product images:



Circular map for RR209615