

## Product datasheet for MR221227

### Styx11 (NM\_029659) Mouse Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Styx11 (NM\_029659) Mouse Tagged ORF Clone  
**Tag:** Myc-DDK  
**Symbol:** Styx11  
**Synonyms:** 1700011C14Rik; Dusp24; Mkstyx  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**ORF Nucleotide Sequence:** >MR221227 representing NM\_029659  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGCTGACCTGCTTTTCTGCGAGCCAACAGAACTCTATAACATCTTGAATCAGGTCTCCAAGCTGTCCA  
GATTGGCTGAGCCCAACTACCTCTGTTTACTGGATGTCCGATCAAACGACAGTATGACGAGAGCCATGT  
GATCACTGCCCTCAGAGTGAAGAAGCGAGATCATCAGTACCTCATCCCGAGTCCGTAGACCTGGAGTGT  
GTGAGATACTGCATCGTGTACGACAGCAACACCAGTTCCTGGAGCTGTGCATACGGCGGCAGCTGGAGG  
AGGAGGAAGAGGAGGAGGAGGTAGAAAGAGAGGACAAGGAGGAGGACACTGAACCTCTACCTGGACCTGC  
TGTGGAATTTGGACAAATCCTCATTCACTTTACCCGCCAACCTGTCTATGTCTCAGAGGGGGCTATGAA  
TGCTTCTCTGGCATGTACCATTCTTCCGACTCAGAAGATCATCTGGATGCCCCAGGAACCTGGATGCCCT  
TCCAGCCATACCCAGTTGAGATACTTCCAGGCAGAGTCTACCTGGGCAAAATCAGTCAAGCCTGCAATGC  
TAAGATGCACAAGGACTTGAAAATTAAGCACATGTCAATATTTCCATGGAGACAACACCCTATTTTATA  
GGCAATGCAGACAAGCTTTACATATCAAGCTTGAGGATTCTCCAGACACCTTGCTTTTTGACTATTTCC  
GCCACATCTGTCACTTTATAGAACTTCACTCAGGCTCCACTCTGTCTGTTCTGGTCTTTCCACCCGGGG  
CATCAGCCGACGCTTGTGCTGTGGTGGCCTTACTCATGCATTATAATGAGGAGACGCTGAAGAGGTCC  
TGGGCCCAAGTGAAGAAATGCAAACCAACATGCGTCCGAATCGGGCCTTCGTGGCTCAGCTGCTGGAGT  
GGGAGAAAGTCTCCATGGGGAATATCTCACAGACATCTCCGAGCCTATCTAC

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Chromatograms:** [https://cdn.origene.com/chromatograms/mm9052\\_g08.zip](https://cdn.origene.com/chromatograms/mm9052_g08.zip)

**Restriction Sites:** Sgfl-Mlul



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**Cloning Scheme:**


**ACCN:** NM\_029659

**ORF Size:** 963 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\\_029659.4](#), [NP\\_083935.3](#)

**RefSeq Size:** 1677 bp

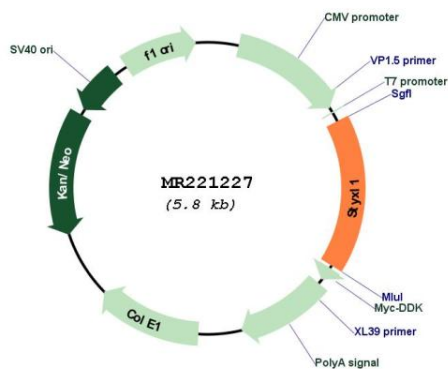
**RefSeq ORF:** 966 bp

**Locus ID:** 76571

**Cytogenetics:** 5 G2

MW: 38.1 kDa

Product images:



Circular map for MR221227