

## Product datasheet for **MR228571**

### Styxl1 (NM\_001289557) Mouse Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Styxl1 (NM_001289557) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Styxl1
Synonyms:	1700011C14Rik; Dusp24; Mkstyx
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
ORF Nucleotide Sequence:	>MR228571 representing NM_001289557 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGCTGACCTGCTTTTCTGCGAGCCAACAGAACTCTATAACATCTTGAATCAGGTCTCCAAGCTGTCCA  
GATTGGCTGAGCCCAACTACCTCTGTTTACTGGATGTCCGATCAAACGACAGTATGACGAGAGCCATGT  
GATCACTGCCCTCAGAGTGAAGAAGAACTCCTACCTGGACCTGCTGTGGAATTTGGACAAATCCTCATT  
ACTTTACCCGCCAACCTGTCTATGTCTCAGAGGGGGCTATGAATGCTTCTCTGGCATGTACCACCTCTT  
CCGGACTCAGAAGATCATCTGGATGCCCGAGTTTTATAGGCAATGCAGACAAGCTCTTACATATCAAGCT  
TGAGGATTCTCCAGACACCTTGCTTTTTGACTATTTCCGCCACATCTGTCACTTTATAGAAGCTTACCTC  
AGGCTCCACTCTGTCTGTTCTGGTCTTTTCCACCCGGGGCATCAGCCGAGCGTTGCTGTGTGGTGGCT  
TACTCATGCATTATAATGAGGAGACGCTGAAGAGGTCTGGGCCAAGTGAAGAAATGCAAACCAACAT  
GCGTCCGAATCGGGCCTTCGTGGCTCAGCTGCTGGAGTGGGAGAAAGTCTCCATGGGGAATATCTACA  
GACATCTCCGAGCCTATCTAC

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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**Protein Sequence:** >MR228571 representing NM\_001289557  
Red=Cloning site Green=Tags(s)

MADLLFCEPTEL YNILNQVSKLSRLAEPNYLCLLDVRSKRQYDESHVITALRVKKN SYLDLLWNLDKSSF  
 TLPANLSMSSEGAMNASLACTTSSGLRRSSGCPFSFIGNADKLLHIKLESDPTLLFDYFRHICHFIELHL  
 RLHSVVLV FSTRGISRSVAAVVALLMHYNEETLKRSWAQVKKCKTNMRPNRAFVAQLLEWEKVLHGEYLT  
 DISEPIY

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

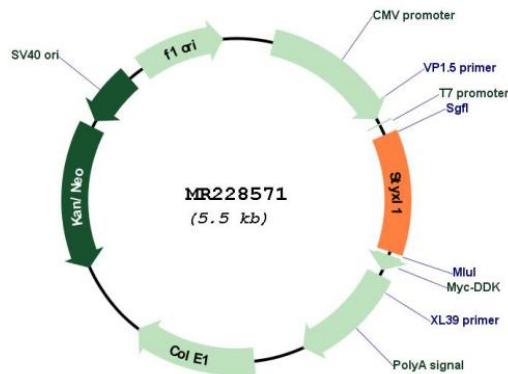
**Restriction Sites:**

Sgfl-MluI

**Cloning Scheme:**



**Plasmid Map:**



**ACCN:** NM\_001289557

**ORF Size:** 651 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_001289557.1</a> , <a href="#">NP_001276486.1</a>
<b>RefSeq Size:</b>	1362 bp
<b>RefSeq ORF:</b>	654 bp
<b>Locus ID:</b>	76571
<b>Cytogenetics:</b>	5 G2
<b>MW:</b>	25.2 kDa