

## Product datasheet for **MR217979**

### **Sytl1 (NM\_031393) Mouse Tagged ORF Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Sytl1 (NM_031393) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Sytl1
Synonyms:	9030417L18; PSGL-1; Slp1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

**ORF Nucleotide Sequence:**

>MR217979 representing NM\_031393  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGCCCCAGAGAGGCCACCCATCTCAGGAGAGGCTTTGGCCCTGCCCTCCCTCCCCATGGCACATGGAC  
 CAGGATCTGAAGCTGAGGGTTGCTGGACCTCAGCTTCTGACAGAGGAGGAACAGGAGGCCATCTCTGA  
 TGTCTCAAACGAGATGCCACCTGCGCCAGCTGGAGGAAGGGCGGTGACGAAGCTCCGGGCTCCCTG  
 GAAGACCCTGGCAGCTGAAGATCTGACAGGGGACTGGTTCCAAGAAGCGGTTCCAGAGGCACCATC  
 ACGCCATTTTGGTTCTGACCTCGTCCGGGCTTATCCGAAGGAAGAAGAGCCAAAGGGGACCAGGC  
 TCTGGGGAGTGATGGTGAAGCAGAGGCTGCTGGGAAAACACCATTGAAGGAGAGCCGGAGTCCAGGGTC  
 TCCATAGAGGTGGCAGCTCCAGAGAAAACACTGAGACCCAAGGGCTGATTTGTCTCACCATATGTAC  
 CCTCAAAGGCTCCGAAGGTCAGGAGGAGAGCCAGGACCAGGAATGTGAGCTGGAGGCCCTGGCGA  
 AGGGGTTGTGAGGTGGCAGAGGGCGGACCCAGAGCTGGATCCTGAGCAGAAGGGCGGAGCAGGAGTCCAG  
 CCAACTCCAGCCAGTCCAAGGGCAGCTCCAAGATCCTGGAGAATGGAGAAGAGGCCCGGGGCTCGGCC  
 CCTCTCTTGACCCGATGCTCAGCAGCAGCTCCTCTGTGTCCAGCCTCAATTCCTCTACGCTGAGCGGCAG  
 CCTGATGAGCCTATCCGGGGAGGCAGAGGCAGGCACGGTGCAGGTGCGAGGCTCCGTGCTTCTCGCTG  
 CGCTACGAGCCTGGCACCTCTGAGCTGCGAGTACAGGTGATCCAGTGCCAGGGCTGGCCGCTGCCGGC  
 GACGCCGCTCCGATCCCTACGTGAAAAGCTACCTCCTCCCGGATAAGCAGAGCAAGCGTAAGACGTCAGT  
 GAAGAAACGGAATCTGAACCCGATCTTCAACGAGACTCTGCGGCACTCTGTCCAGCAGGCTGATCTCCCA  
 GGCCCGTGTGAGCCTGTCCGTGTGGCACCAGGAAAGTCTGGGTCGCAACATCTTCTGGGAGAAGTAG  
 AAGTCCCCTAGACACATGGAACCTGGACTCTGAGGCTACCTGGCTCCCTCGACGCTCCGGTCTCTCC  
 ATCTCCAGATGAGCTTCCAGCCGTGGACTGCTGTCTGTCCCTTAAGTATGTCCCTGCCGGCTCAGAG  
 GGAGGAGGACAGCCTCAGAGTGGGGAGTTACACTTCTGGGTAAGGAAGCTCAGAGCCTGGTACCACTGC  
 GACCAGGATCCCTGGACACTTACATTCAATGCTCAGTGTGCCTGATGACAGTCCGGCCAGCCGCCAACG  
 CACAAGAGTGGTTCGAAGAAGTCTCAGCCCTGTGTTCAACCACACCATGGTTTATGACGGCTTCGGGCT  
 GCTGACCTACGCCAGGCTGTGCCGAGCTCTCCCTGTGGGACCATGGGGCCCTGGCCAGTCGCCAGCTGG  
 GGGCACACGCCCTCAGCCTTGGTACAGGCAGCAGTTATGGGCTTCAGGTGCCCTGGATGGATTCCACACC  
 GGAGGAGAAGCAGCTGTGGCAGACACTCCTGGAGCGGCCCTGTGAGTGGTGGATGGCTTCTGCCCTC  
 AGAACCAACTGGTCCCCAGGGCA

**ACGCGT**ACGCGGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>MR217979 representing NM\_031393  
 Red=Cloning site Green=Tags(s)

MPQRGHPSQERLWALPSLPMAHGPGSEAEGLLDLSFLTEEEQEAI SDVLKRDHLRQLEEGRVSKLRASL  
 EDPWQLKILTGDWFQEARSQRHHHAHFGSDLVRASIRRKSPKGDQALGSDGEAEAGENTIEGEPESRV  
 SIEVAAPERNTETQGPDLFSPYVPSKASEGQEEEPQDQECELEAPGEGGVQVAEADPELDPEQKAEQESQ  
 PTPAQSKATSKILENGEEAPGLGPSLDRMLSSSSVSSLNSSTLSGSLMSLSGEAEAGTVQVRGSLVFL  
 RYEPGTSELRVQVIQCQGLAAARRRRSDPYVKS YLLPDKQSKRKT SVKKRNLNPIFNETLRHSVQADLP  
 GRVLSLSVWHRESLGRNIFLGEVEVPLDTWNWDSEATWLPLQPRVPPSPDELPSRGLLSLSLKYVPAGSE  
 GGGQPQSGELHFVWKEAQS L VPLRPGSLDTYIQC SVLPDDSRASRQRTRVRRSLSPVFNHTMVYDGF  
 ADLRQACAE LSLWDHGALASRQLGGTRLSLGTGSSYGLQVPWMDSTPEEKQLWQTLLERPCEWVDGLLPL  
 RTNLVPRA

**TR**TRPLEQKLI SEEDLAANDILDYKDDDDKV

**Chromatograms:**

[https://cdn.origene.com/chromatograms/mm9085\\_e02.zip](https://cdn.origene.com/chromatograms/mm9085_e02.zip)

**Restriction Sites:**

Sgfl-Mlul

Cloning Scheme:



ACCN: NM\_031393

ORF Size: 1704 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\\_031393.2](#), [NP\\_113570.2](#)

RefSeq Size: 1940 bp

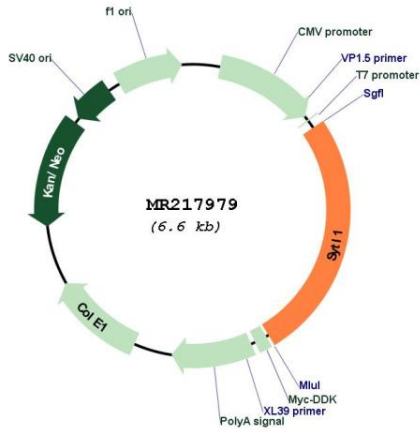
RefSeq ORF: 1707 bp

Locus ID: 269589

Cytogenetics: 4 D2.3

MW: 62.5 kDa

Product images:



Circular map for MR217979