

## Product datasheet for **MC218291**

### **Sytl4 (BC026819) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Sytl4 (BC026819) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Sytl4
Synonyms:	Gph, Slp4
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >BC026819  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCCGCGATCGCC

ATGTCGGAGATACTAGACCTCTCTTTCTGTCCGAGATGGAAGGGATTTGATCCTCGGTGTTCTGCAGA  
GAGATGAAGAAGCTCAGAAAAGCAGATGAGAAAAGGATTTCGGCGACTGAAGAATGAGCTCCTGGAGATCAA  
AAGAAAAGGGGCCAAAAGGGGCAGCCAACACTATAGTGATCGAACCTGTGCCAGGTGCCAGGAGGGCCTG  
GGCCGCTTAATCCAAAAGCAGCACTTGTGTGGGCTGCAATCATTTAGTGTGCCGAGAATGCCGAGTTC  
TGGAAAGCAATGGCTCTTGGAGGTGCAAGGTGTGCTCGAAGGAGATAGAGCTGAAGAAAGCAACTGGAGA  
TTGGTTTTATGACCAGAAAGTAAATCGCTTTGATTACCGAACAGGCAGCGAGATAATCAGGATGTCCCTG  
CGCCAGAAGCCTGCAGTGAATAAAAGAGAGACAGCGGGCAGTCCCTCCTCAGCAGACACAGATGGGTG  
ATATCTGGCCAGGAAGAAGGATCATTCAAGAACAACAACAGGGGAACAAAGTGTCTGTTGAAGTGCC  
AAAGACCAGAAGTGGAAGAGTGCCTGGAGGCTGAGAGCGAGAGTCTGGATAGCTACACTGCTGACTCA  
GACAGCACCTCCAGGAGAGATTCTCTGGATAAATCTGGACTCTTCCCAGAATGGAAGAAGATGTCCGCTC  
CCAAATCTCAAGTTGAAAAGGAAATCCACCAGGGAACAAAATGCAGTCTGTGGTGATGAGGGTGACAT  
GGTATTCAAGAAGAACCCAAAAAGTCTGAGGCCTTCAGAATACACTAAGTCTGTGATAGACCTTCGC  
CCAGAAGATGTGGCCCAAGAAAGTGGCATCTTGGGAGACAGAAGCAAATCTGTACCAGGCCTCAGTGTGG  
ATATGGAAGAAGAGGAGGAGGAGGAAGAGGACATTGACCACCTGGTGAAGTTGCACCGCCAGAACTGGC  
CAGAGGCAGCATGCAGAGTGGCTCCTCCATGAGTACCCTTGGCAGCATTATGAGTATCTATAGCGAAGCT  
GGTGATTTTGGGAACATCTCTGTGACGGCAAGATTGCCTTTTCACTGAAGTTTGAGCAGAAAACACAGA  
CTTTGGTCATCCATGTC AAGGAGTGCACCAGCTGGCCTATGCTGATGAAGCCAAGAAGCGTTCTAACC  
ATATGTGAAGACTTATCTTCTGCCTGACAAGTCCCGCCAAGGAAAAAGAAAAACCAGCATCAAGCGGGAC  
ACCATCAATCCACTATATGATGAGACCTTTCGGTACGAGATTTCCGAATCTCTTCTGGCTCAGAGGACTT  
TGCAGTTTTCCGTTTGGCATCATGGTCGTTTTGGCAGAAACACTTTCCTTGGAGAGGCGGAGGTCCACAT  
GGACTCTTGAAGCTGGATAAGAAGCTGGATCACTGCCTCCCTTACATGGAAAGGTAGTCTGCTTTAA  
GGTCGTTACAGCTTCTTCCAGGTGAATTGTCTGTAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: BC026819

Insert Size: 1509 bp

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

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:** [BC026819](#), [AAH26819](#)

**RefSeq Size:** 2997 bp

**RefSeq ORF:** 1508 bp

**Locus ID:** 27359

**Cytogenetics:** X E3

**Gene Summary:** Modulates exocytosis of dense-core granules and secretion of hormones in the pancreas and the pituitary. Interacts with vesicles containing negatively charged phospholipids in a Ca(2+)-independent manner.[UniProtKB/Swiss-Prot Function]