

Product datasheet for **RN210989**

Sytl3 (NM_001127560) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Sytl3 (NM_001127560) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Sytl3
Synonyms:	RGD1561992
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN210989 representing NM_001127560
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGCCCACGAAGTGGACCTGGAGTCCTTCAAGGAGTTGGAACGGGACATCATTCTCCGGTCTATATC
 GAGATCAAACGTGTTCAAAGCATCGAGGAGGAGAGGGTCCGGAACCTGAAAACACACCTGCAGCATCTTCG
 GTGAAAAGGGGCAAAGAGCTCCAGCCAGGAATACAAGGAAAAGTGTGTGCACGTTGCCAGCGGACTCTG
 GGCCTTCTGCTAAACCGTGGGGCTGTGTGTGAGGGCTGCAGCCACCGTGTGTGCTCCGAATGCCGTGTAT
 TCCTACGGAAGACTCATGCATGGAAGTGCACAGTGTGCTTTGAGGACAGAAACGTGAAAAACAAACCGG
 AGAGTGGTCTTTGAAGAACGAGCCAGGAAATTTCCAACGCAGGCAGACGCGAGACCGTGGGGCGAGG
 CTCCTACAATCTTATCAGAGGCAGAGCAAATCTCTGTGGTCCCTCCGACGCCACCCTCTCAGTGAGA
 GCCAGTGGCGGCGAGCCCCAGCAGGTTACAGGAACTTGGCCACTTCAGAGGGTTAATAAGTCCGTGGA
 AAACCTGTTTCTGTCTGTACCACGCAGATGAGAAAGCTCTCAAGTCCCAGAATGACATGACCTCTGAG
 AAGCATCTTCTGGCCATGGACCCAGGCAGTGTATGGGCCACACGAGAGCGGAGCCAGTCAGACACTG
 CTGTCAACGTCACGTCCAGGAAGACCAGCACACCCGATATTCTGAAAGCATTCCATCAAGAAGATCCAG
 ACACCTCCCAGCCCTGTTTTGAAGCAAGACACTCCTCCATCCAGTCCAACACACAGCACTGTTTTCTCT
 GGAGGCTTGAGACATGGAAGCTTAATTAGCGTTAACAGTACCTGCACGGAGATGGGTAATTTTGACAACG
 CTAATGTCACCTGGAGAAATAGAATTTGCCATTCATTACTGCGTTAACAGCCATTCCTTAGAGATCTGCAT
 CAAGACCTGTAAGAACCTCGCCTACGGAGAAGACAAGAGAAGGAAGTGAATCCGATGTCAAGACCTAC
 CTGCTGCCAGACAGGTCCTCCAGGGAAAACGCAAGACACGAGTTCAAAAGAACACTCTGGACCCGACTT
 TCGAAGAAACCTTGAAGTATCAAGTGGACCTGCGCAGCTGGCGACCCGGAGGCTGCAGGTCTCTGTGTG
 GCACCTAGGTACCTAGCCCGGAGGGTGTCTCGGAGAAGTGATCCTTCTCTGGCCACATGGGACTTT
 GAGGGCAGTGGCGCACAGAATGCCAGATGGTACCTCTTCCGGCCAAGGCTGAGAAATATGAAGAAAATA
 TTCCTCAGACTAATGGAGAACTTGTGTTCCGGCCAAACTGGTCTTCTGTGGGACCGAGAATGCTCCA
 GGAGGCCCAAGAAGATCAGCTAGCACTTAATGGTCAACTGTGTTGGTTGTGTTGGGAGCCAAGAATTTA
 CCGGTGAGGTGAGTGGCACCTAAACTCGTTTGTAAAGGGCTGTCTCACTCTGCCAGACCAACAAAAGC
 TGCGTGTGAAGTCCCAGTACTGAAGAAGCAGGCTTGTCCCAGTGGAACACTCCTTCTGTGTTCAATGG
 TGTGAGCAGTCTCAGCTGAGACAGTCCACCTTGGAGCTGACTGTCTGGGACCAGGCCATGTTTGGTATG
 AATGATCGTCTGCTGGGGGAAGCAAGCTTGGTTCAAAGGGAGGTGCCCCGGGCTGTACCGACTCATGCT
 CCCAGTCCAAGCTTCAGTGGCAGAAAGTCTGTCCAGCCCAACTATGGACGGACATGACACTCATCCT
 GCACTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001127560

Insert Size: 1827 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: [NM_001127560.1](#), [NP_001121032.1](#)

RefSeq Size: 2227 bp

RefSeq ORF: 1827 bp

Locus ID: 499017

Cytogenetics: 1q11