

Product datasheet for **RN210996**

Syvn1 (NM_001100739) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Syvn1 (NM_001100739) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Syvn1
Synonyms:	RGD1310488
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN210996 representing NM_001100739
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGTTCCGACCCGAGTGATGATGGCGCCAGCCTGGCGTGACCGGGCAGTGGTGGCTCATGCCTACT
 ACCTCAAACACCACTTCTACCCACTGTCGTGATTTGACCAAATCCAGCCCCAGTATGGCAGTCCCTGTA
 CATCCAGGCCCTTTGTCCTTGCTTCTCTTGGGCAAGGTGATGGGCAAGGTGTTTTTTGGCAGCTGAGG
 GCAGCAGAAATGGAGCACCTCTTGAACGGTCTGGTATGCTGTCACTGAGACTTCTTGGCCTTACCAG
 TTTTTCGGGATGACTTCAGCCCTCGCTTGGGCACTTTTACACTCCTTCTTCTTCTCAAATGTTTCCA
 TTGGTTGGCTGAAGACCGTGTGGACTTTATGGAACGCAGCCCCAACATCTTGGCTTTTCCACTGCCGC
 ATTGTCTCTTTATGTTCTCTGGGCATCCTGGACTTCTCTTGTGAGCCAGCTTATCACAGCATCC
 TGACCCGAGGGGCTGTGTGAGCTGGTGGTGGCTTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGT
 CATCTTCAAGTATGTGCTGCACTCCGTGGACTCCAGAGTGAAGAATCCCTGGGACAACAAGGCCGTG
 TACATGCTCTACACGGAGCTGTTTACAGGCTTTATCAAGGTCTGCTGTACATGGCCTTTATGACCATCA
 TGATCAAGGTGCACACATTTCCGCTCTTGGCATTAGGCCATGTACCTGGCCATGAGGCAGTTCAGAA
 AGCTGTGACAGATGCCATCATGTCTCGCAGAGCCATCCGCAACATGAACACACTGTACCCGGATGCCACC
 CCCGAGGAGCTCCAGGCAATGGATAACGCTGTATCATCTGCAGAGAAGAAATGGTGACCCGGTGTAAAG
 GATTGCCTTGAACACACTTTTATACAGAGCTGCCTGCGCTCCTGGTCCAGAGACAACAGACCTGCC
 GACATGCCGTATGGATGTTCTGCGGGCATATTGCCAGCCAGTACCACCACCCCTGAGCCTGCTGAC
 CAAGGAGCCCCCTGCCCTCATCCCCACCACTGCTGCCACAGCCCCTAATTTCCCCAGGGCCTCC
 TGCTCTTTTCTCCGGCATGTTCCCACTGTGGCCACCAATGGTCCCTTTCCACCTGTCCACCTCC
 CCCAAGCTCAGGAGAGGCTGCAGCTCCTCCGTCCACCAGTGCAGCCACTTCTCGACCCAGTGGAGCAGCC
 ACCACCACAGCTGCTGGCAGGACTTCTGCCCCAGCATCTGGCTCTGTACCTGGCCAGAGGCTGGT
 CTGCCCTGGCTTCCCTTCCCTCCTCTGGATGGGTATGCCTCTGCCTCCACCTTTTGCCTTCCCCC
 GATGCCTGTGCCTCCTGCGGGCTTGGTGGCTAACCAGAGGAGCTGCGGGCACTGGAGGGCCATGAG
 CGGCAGCACTGGAGGCCCGCTACAGAGTCTGCGCAACATACACACTACTGGACGCCCCATGCTGC
 AAATCAACCACTACTGCTGCTGCTCCCTGGGCCCCCAGGCCAGCTACTTCAGTGAACCCAC
 TGAAGAGACTGCCTCTACAGTGGTATCTGCTACCCTTCCACCAGCTCCCAGCTGTAGGCTCCTGCC
 CCATCCCTGGGAGCCTCCCACCAATTCCTGAAGCTGAAAAGCCTCCTGTGAGCACTGCAGAAGAGCTTC
 CTGAGGATGGAGAGCCTGATGCTGCAGAACTCCGCGGGCTCGCTGCAGAAGCTCGAGTCTCCGTTGC
 CCACTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001100739

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_001100739.1](#), [NP_001094209.1](#)

RefSeq Size: 2971 bp

RefSeq ORF: 1827 bp

Locus ID: 361712

Cytogenetics: 1q43