

Product datasheet for RN215646

Syng1 (NM_019166) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Syng1 (NM_019166) Rat Untagged Clone
Tag: Tag Free
Symbol: Syng1
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF: >RN215646 representing NM_019166
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGAAGGGGTGCGTACGGAGCGGGCAAAGCCGGGGCGCCTTCGACCCCTACACCCTGGTGCGACAGC
CACATACCATCCTGCGCGTCGTGTCTTGGGTCTTCTCCATTGTGGTCTTCGGCTCCATTGTGAATGAGGG
CTACCTGAACAACCCGGAGGAGGAGGAGGAGTTCTGCATCTACAACCGAAACCCCAATGCCTGCAGCTAC
GGCGTGACCGTGGGCGTGTGGCCTTCTCACCTGCCTGGTCTACCTGGCGCTTGATGTGTACTTCCCGC
AGATCAGCAGTGTCAAGGACCGAAGAAAGCCGTGTCTGACATCGGTGTCTCGGCCTTCTGGGCCTT
CTTCTGGTTCGTGGGTTTCTGCTTCTGCGCAACCAAGTGGCAAGTCTCCAAGCCCAAGGACAACCCCTCTG
AACGAAGGGACAGACGCAGCCCGGGCTGCCATCGCCTTTTCGTTCTTCTCCATTTTCACGTGGGCGGGTC
AGGCCGTGCTAGCCTTCCAGCGGTATCAGATTGGCGCGACTCGGCCCTTCTCCAGGACTACATGGA
TCCCAGCCAGGACTCCAGCATGCCTTATGCACCCTACGTGGAGCCAGTGTGGTGGGACCCACTACTGGC
ATGGGTGGCACCTACCAGCATCCAGCCAACGCCTTCGATGCTGAGCCCCAGGGCTACCAGTCGCAGGGCT
ACTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_019166
Insert Size: 705 bp



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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:	<ol style="list-style-type: none">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:	<u>NM_019166.2</u> , <u>NP_062039.1</u>
RefSeq Size:	910 bp
RefSeq ORF:	705 bp
Locus ID:	29205
UniProt ID:	<u>Q62876</u>
Cytogenetics:	7q34
Gene Summary:	a synaptic vesicle protein which is involved in membrane trafficking to and from the plasma membrane [RGD, Feb 2006]