

Product datasheet for **RN209259**

Sync (NM_001108683) Rat Untagged Clone

Product data:

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| Product Type: | Expression Plasmids |
| Product Name: | Sync (NM_001108683) Rat Untagged Clone |
| Tag: | Tag Free |
| Symbol: | Sync |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |
| Cell Selection: | Neomycin |



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Fully Sequenced ORF: >RN209259 representing NM_001108683
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCCAGCCAGGAACCCCTGCGCGCGGGGACGCGCCCGGCCGCGAGGGATACACACAGAGGCCA
 GTTTTCCTCTTCAGGACTCAGAATCCCCAAGGAGGCCAAGACCTTTAACCCAGAGGCCACTCTGTCTTT
 GGAGGGGAGTGTGAACCTAGAGGACATTCTCTATCTGGGGGCATCGGGGACTTTGAAGAGAGTCTTTAT
 GAGGAAGAGTTTGAGAAGCCAGAGCAGACACTGTATATTGACGAATCGAGGCAGCCAGACGAGGCCCTGG
 ACCTGGAAGAGCTTGTGAGTCCAGAGGAGACGCTGTCTGTGGAGGAACCTGTGAGACCAGAGGAGGTACA
 GTTCTCGGAGCAGCCTGTGGCGCCAGCTGAGAGCCCAACTGCTTGCAGGGGAGAAATGGTGACCACCACG
 GAGGAAAGCCGTCCAGCTCAACCGATTCCCGGCACGGAGGAGAGCCTCAGTGTGGAGGACCTGGAGCTGC
 TAGAAGGCCGTTTCCAGCAGTGCGTACAGGCTGTATCTCAGCTGGAAGAGGAGAGGGACCGGCTTATCCA
 CGAGCTGGTGCTGCTCCGCGAACCGGCCCTGCAGGAGGTACAGCAGGTCCACCAGGACATCTGGCTGCC
 TACAAGCTGCACGCACAGGCCGAGCTGGAGAGGGACGGGCTCAGGGAGGAGATCCGGACGGTGAAGCAGA
 AGCTGTTCAAGGTGACCAAGGAATGCGTGGCTTACCAATACCAGCTGAAGTGCCACCAGCAGGACGTGGC
 TCAGTTTGCGATTTGAGGGAAGCGCTGACCACCCGGGCCCGCCAGCTCTCTGGAGAAGTACCCAGCTC
 CGCGATGCCTATCAGAAGCAGAAGGAGCAGTTGCAGCAACAGCTAGAGGCACCCCGACCCAGAGCGATG
 GGCACCTTCTCCAGGAGAGCCGACGGCTGTGACACAGTTTAAAATCTCATGGCGGAAAGCCGTACAGGG
 CCTGGAGGACGAATGAACCCCAACTGCTTCGGCTCTGGAAGGAAAGAGGGCGGGGACCAGAGCTCTG
 CAGGACACCCAGCGGAGATCCAGGAGATGAGGGAGGCTCTGAGACCCCTGGAAGCAGAGGCCCGGCAGC
 TCCAGCTTCAGAACAGGAACCTGGAGACCAGATCACGCTCGTGAGGCAAAAACACGACGAAGAGTTCT
 ACAGTACAGGGAGCAGCTGGAGGAGATGGAAGAGAGGCAGCGGCAGTTACGCAGTGGGGTCAAGTTCAG
 CAGCAGAAGAACAAGGAGATGGAGCAGCTGAGGACAAGCCTTGCTGAAGAGCTTTCCACATATAAGGCCA
 TGCTACCCAAGAGTCTGGATCAGGCTGATGCACCTACTCCTCAGGCAGGTGGAGTCGAGGCACAATCCCC
 AGGGACTGTT**AG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001108683
- Insert Size:** 1413 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_001108683.1, NP_001102153.1
RefSeq Size: 2156 bp
RefSeq ORF: 1413 bp
Locus ID: 362606
Cytogenetics: 5q36