

Product datasheet for RN202059

Synj1 (NM_053476) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Synj1 (NM_053476) Rat Untagged Clone
Tag: Tag Free
Symbol: Synj1
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN202059 representing NM_053476
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGATCGCC

ATGGCGTTCAGCAAAGGATTTGCAATCTACCACAAATTGGATCCCCACCGTTCCAGCTCATAGTGGA
 CTAGGCATAAGGAAGAATGTCTCATGTTGAGTCTGGGCGGTGGCAGTGTCTCATCTGCAGAAAAGGA
 GGCCATTAAGGCACATATGCCAAAGTCTGGATGCATATGGACTTTTGGGAGTTTACGATTAATCTT
 GGTGATACCATGTTGCATTATCTGGTCCTAGTCACTGGATGCATGTCTGTTGGGAAAATCAAGAATCTG
 AAGTCTCCGAGTTACTTCCACTGAGTTTATATCACTTCGAGTTGATGCTTCAGATGAGGACCGCATTTT
 AGAAGTACGAAAGTTTTGAACTCAGGAACTTTATTTTGCATGGTCTGCATCTGGAGTCACTTAGAT
 CTGAGTCTGAACGCACATCGAAGCATGCAGGAGCACAACTGACAATAGGTTTTTCTGGAATCAGTCTT
 TGCATCTGCATCTCAAGCACTATGGTGTGAATTGTGATGACTGGTTGTTACGGCTCATGTGTGGAGGAGT
 AGAGATTAGAACAATTTATGCTGCCATAAACAGGCAAAAGCTTGCCCTATTTCAAGACTAAGCTGTGAG
 CGAGCTGGGACAAGGTTCAACGTCGGGGAACAAATGATGACGGTCATGTTGCCAACTTTGTAGAGACAG
 AGCAGGTTATATACTTAGATGACTGTGTCTCCTCCTTCATACAAATCCGAGGATCTGTTCCGTTGTTCTG
 GGAGCAACCAGGTTGCAAGTGGATCTCATCGTGTTCGAATGTCAAGGGGATTTGAAGCCAATGCGCCT
 GCCTTTGACAGGCATTTCCGAACCTTAAGGACTTATATGGTAAACAAATAGTAGTAAATCTGCTTGGAT
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 GCCAGAGTGGTACAGTTCGGACAACTGCCTGGACTGTCTGGATAGAACAACAGTGTGCAGGCGTTCCT
 TGGCTTAGAGATGCTAGCTAAACAGCTGGAAGCTCTGGGCTTGGCTGAAAAGCCTCAGTTGGTACTCGC
 TTTCAAGAAGTTTTCCGGTCCATGTGGTCTGTGAATGGCGATTCAATCAGTAAAAATATGCAGGACCCG
 GAGCCCTGGAAGGGAAGCCAAGTTAAAAGATGGTGCAGATCTGTCAACCAAGCAATTCAGAATAACTT
 CTTGACAGCTCCAAGCAAGAAGCCATTGATGTTCTGCTTCTGGGAAACTCTGAACAGCGACTTAGCC
 GACAAAGCCCGGCCTTCTAACTACTGGGAGTTTGCGTGTGTCTGAACAGACATTACAGTCAAGTCTT
 CCAAAGTCTTAAAGAACATGTGTGAGAATTCTACAAGTACTCAAAGCCCAAGAAGATCCGAGTGTGTGT
 TGGAACTGGAATGTGAACGGCGGGAACAGTTCCGCAGCATAGCATTCAAGAACCAGACCTCACCGAC



TGGCTTCTTGATGCACCCAAGTTAGCTGGCATCCAGGAGTTTCAAGATAAGAGAAGTAAGCCAACCTGATA
TATTTGCAATTGGCTTTGAAGAAATGGTGGAGCTGAATGCTGGGAACATTGTGAATGCAAGCACAAACAAA
CCAGAAGCTGTGGGCAGTGGAAGTGCAGAAGACCATCTCCAGAGACAACAAGTATGTTCTCCTGGCCTCG
GAGCAGTTGGTGGGTGTCTGCCTGTTTGTCTTTATCAGACCGCAGCATGCTCCCTTTATCAGGGATGTTG
CAGTCGATACTGTGAAAAGTGGGATGGGAGGCGCGACTGGAAATAAGGGCGCTGTGCAATCCGGATGCT
CTTCCACACCACAGCCTTTGCTTTGTCTGCAGTCACTTTGCTGCAGGCCAGTCCCAAGTCAAAGAGAGA
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AGAGGATTTTTAGAGGAAAAGTAAAGTGGTCCCAACCTATAAAATGACTTGTTTTCCGAAGACTATG
ACACCAGTAAAAGTGGCGACCCCTGCTTGGACAGACCGAGTCTCTGGAGAAGGAGGAAGTGGCCTTT
TGACAGATCAGCTGAAGACTTAGATCTTCTGAATGCTAGTTTCCAAGATGAAAGTAAAATCTGTATACA
TGGACTCTGGCACCTTGTGCACTATGGAAGAGCCGAGCTGAAGACTTCTGACCACAGGCCCGTTGTGC
CCCTGATCGATATAGATATATTTGAAGTTGAAGCTGAAGAGAGACAAAAATTTATAAAGAAAGTTATTGC
AGTCCAGGGCCACCGGACGGCACAGTACTGGTCTCAATCAAAGTTCTGCACAAGAGAATACTTTCTTT
GACGATGCTTTAATCGATGAGCTTCTGCAGCAGTTGCACACTTCGGCGAAGTTATACTTATAAGATTCCG
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AGAGTTATTAATCGGACTATAACAATTAATTTAAAAAGTCCAGACTGGATCAAAACTTTTGGAGAAGAG
ATGAGTTTAGAGAAAAATCAGTGTACATTGCCCTCATCAACCAGTTCCACCCTGCTCGGTGAAGATGCAG
AGGTCTCAGCGGACTTTGACATGGAAGGTGATGTCGACGACTACAGTGTGAGGTGGAGGAGCTTCTTCC
TCAGCACCTCCAGCCATCTCCAGCTCTGGCCTCGGCACCTCTCCAAGCTCTTCCGCCGGACAGTCCC
TGCCAGTCACCCACAGCACCAGAGTACTCCGCACCTTCTTCCCATCAGACCTAGTCGAGCACCATCAA
GAACTCCAGGACCTCTAAGTTCACAGGGTGTCCAGTTGACACCCAGCCAGCCAGAAGGAGTCTTC
CCAGACCATAGAGCCCAAGAGGCCACCCCTCCCGCCAGTTGCTCCTCCAGCACGTCTGCCCAACA
CAGAGGCCACCTCCACCTCAGGGGCTAGGAGTCCGGCACCTGTAGAAAAGAATTTGGAGCACCAAAA
GCCCGGAAACAGCACGAAAGATAATATAGGGCGTAATCAGCCTTCCCTCAAGCCGGACTTGCAGGCC
AGGACCTTCTGGATATGGTGCAGCTAGACCGACAATTCCAGCTCGTGTGGAGTGATCAGTGCCCTCAG
AGCCAGGCTCGGGTGTCTGCTGGAAGGTGACTCCTGAAAGCCAAAGCAAACCTTGGAGACATCGAAAG
GTCCTGTCTCTCCAGAACCCTGAAGCCTCAGGCTGCATTTCTCCGACGCTTCTCTGCCACACC
TGCTCAAAGTTACAGGACCCACTGTCCCATAGCAGCACCTATGCCTCCCTCCATTCCCAATCGAAT
TTGAAAATCCACCCCTGCCCCACCTCGGAGCAGGTCACTCAAAGCTTGCCTCAGACTCCTCACCAC
AGCTACAACAGGAGCAACCAACAGGGTAA

ACGCGTACGCGGCCGCTCGAGCAGAAAATCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

Sgfl-Mlul

ACCN:

NM_053476

Insert Size:

3879 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_053476.2](#), [NP_445928.2](#)

RefSeq Size: 5970 bp

RefSeq ORF: 3879 bp

Locus ID: 85238

UniProt ID: [Q62910](#)

Cytogenetics: 11q11

Gene Summary: has inositol 5-phosphatase activity; interacts with dynamin to play a role in synaptic vesicle recycling [RGD, Feb 2006]