

Product datasheet for **RN207754**

Spns2 (NM_001144991) Rat Untagged Clone

Product data:

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|---------------------------|---|
| Product Type: | Expression Plasmids |
| Product Name: | Spns2 (NM_001144991) Rat Untagged Clone |
| Tag: | Tag Free |
| Symbol: | Spns2 |
| Mammalian Cell Selection: | Neomycin |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |



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Fully Sequenced ORF:

>RN207754 representing NM_001144991
 Red=Cloning site Blue=ORF Orange=Stop codon

GCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCCGGCGGCCAGATCTC
 AAGCTTAACTAGCTAGCGGACCGAC

ATGATGTGCCTGGAATGCGCCTCGCGGGCGGGCGGCGGAGGAGGAGGCGGACGCCAACGGC
 GGCGCCGGCGCCGGGGGCGCAGCCAGGGGCTGGAGGTAGCGCTTGTGCGGGGCGCGGGGTGTTGGGG
 CGCTGGAGTCGTGCCGCGACGAAGAGGTGACAGCTTGTCCGCGACGCTGAGGAGGTTCCCGTCCGGA
 CTCCCAGCATCCCAGTACCCGGGCTGCGCAGCCGCTGCCAAGGGCCCGCGCGCCGAGCCAAAC
 CCGCCAGCTTGGGCCGAGGGCGGGGCGAGCCGCTGCCATCCTGAGCTTGGGCAACGTGCTCAACTACCT
 GGACAGGTACACTGTGGCAGGTGTTCTTCTGGACATCCAGCAGCACTTTGGGGTCAAGGACCGGGGCGCT
 GGCTTGTGCAGTCAGTGTTCATCTGCAGCTTCATGGTGGCTGCCCCATCTTTGGCTACCTGGGCGATC
 GCTTCAATAGAAAGGTGATCCTCAGCTGCGGCATCTTCTTCTGGTCGGCCGTACCTTCTAGTCTTT
 CATCCCTCAGCAGTACTTCTGGTGTCTGGTCTGTCCCGGGGCTAGTAGGTATTGGTGAAGCTAGCTAT
 TCACCATAGCACCCACCATCATCGGCGACTTATTTACCAAGAACACACGCACACTGATGCTATCAGTCT
 TCTATTTTGCATCCCTCTGGGAGTGGCTGGGCTACATCACAGTTCCAGCGTGAAGCAGGCAGCTGG
 AGACTGGCATTGGGCCCTGCGGGTTTCCCTGTCTGGGCATGATCACAGGAACACTCATCTCATCTTG
 GTCCCAGCCACTAAGAGAGGCCATGCTGATCAACTTGGGGGCGAGCTCAAAGCACGGACCTCCTGGCTCC
 GAGACATGAAGGCCCTGATCCGGAACCGCAGTTACGTCTTCTCCTCCCTGGCCACATCCGCTGTGTCCTT
 CGCCACAGGAGCCCTGGGCATGTGGATTCCCTCTATCTGCACCGTGCTCAAGTTGTACAAAAGACAGCA
 GAGACTGCAACAGCCCGCCCTGTGGAGCAAAGACAGCCTCATCTTTGGGGCCATTACCTGCTTTACTG
 GCTTTCTGGGCGTAGTCACAGGCGCGGGAGCCACTCGCTGGTGCCGCTTGCACACTCAGCGCGCTGACCC
 CTTGGTGTGCGCCGTGGGCATGCTGGGATCTGCCATCTTCTCATCTGCCTCATCTTTGTGGCTGCCAAGAC
 AGCATCGTGGGCGCCTATATCTGCATCTTTGTTGGCGAGACACTGCTGTTTTCTAACTGGGCCATCACTG
 CAGACATCCTCATGTATGTGGTATCCCCACTCGACGAGCCACTGCTGTGGCCTTGACAGCTTACCTC
 CCATCTGCTGGGGACGCTGGAAGCCCTACCTCATTGGCTTTATCTCGGACCTAATCCGCCAGAGCACC
 AAGGACTCCCACTCTGGGAGTTTCTGAGCCTGGGCTATGCCCTCATGCTGTGCCCTTTTGTGTGGTCC
 TGGGTGGCATGTTCTTCCCTGCCACTGCTCTTCTTCTCAGCGATCGTCCAAGGCTGAGCAGCAGGC
 TGACGAGGTCCCTGCCAGCGCCTCCGGTCTACCGGCCAGTATTGATGTGCCAGAGCCGTGCCTGG
 GCCAGTCCCGCTGATGTGCCACCCTGACCCCGTCCGTCTCTCCCTCAGGGTGAACCAGCTGGTGATG
 CCGCCTGCATCCGTGAAAATCTGAGGTGGTCCCGCTGGGACAGCAATGAACTGCAGTTTAGATTGGGAGA
 GTTTCTCAGCATCCTGGACCTGACAGGACGGTCCGAAAGCTTCTGTGTGACTCACAGTTGGGTACACAC
 CCTTTTGGCCTAGGACTGCCAGGACTGAGTGGCCCTATCTTCAAGAAGCTGCATCCTCAGTGAACCTAG
 AAGGCTGTGTGTGCTGGAGTCACTCAGTTGGACACAACCTCAGCCCTGGTTGGGGCTGAAGGGCCAAGA
 TAGAAGCAGCCACCCTGCAGTGGGTATTTGGGGAGATTCTGGTCCACCCTTAGCTCATGTGATCTTGAGG
 GAGCCACTATCCTCCCTAGACAGTGGAAACCAAGGAGCTGGAGCTTCTCCATTGTGTGCCATGCATGGCA
 CCCTCCACAACCTTGAAGAAACAGGCCCGGGGCTGTACACAGAAGACACCCTCAGGTCTCAGGACCTCA
 GTTCCGGTCTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

RsrII-MluI

ACCN:

NM_001144991

Insert Size:

2253 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).

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| 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_001144991.1, NP_001138463.1</u> |
| RefSeq Size: | 3871 bp |
| RefSeq ORF: | 2253 bp |
| Locus ID: | 100270678 |
| Cytogenetics: | 10q24 |