

Product datasheet for **RN204136**

Spns3 (NM_001109035) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Spns3 (NM_001109035) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Spns3
Synonyms:	RGD1561884
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN204136 representing NM_001109035
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGTCCAGAGAGTGTATCAAACCTCAGACAGGAGGGCCACAGAGCCAGAGCCTGAGTCCAGGTGGGCAGT
ATGGGGCCTTGGCTTCAGGTAACGTCTGCCTCCCTCCACATCTGCCTCCTGGAGCCTGCCCGCTGGAG
AGCGTACTTGGCTGCAGCTGTTCTCTGTTACGTCAACCTTCTGAACTACATGAACTGGTTCATCATCCCA
GTCTTCATCGGCTGCCTGCTGGTGTCTGCACCTGTGTTTGGCTACCTGGGTGACCGATACAGCCGAAGG
CCATACTGAGCTTCGGGGCTCTGCTGTGGTTCGGGGCTGGGCTCTCCAGCTCCTTCATCTCTACCAGTA
TTCCTGGCTCTTCTTCTGTCCCGGGGATCGTGGGTACCGGGGCAGCAAGCTATTCCACCATTGCACCC
ACCGTCTGGGTGACCTTTCGTGAAGGACCAGCGGACCTGTGCACTGGTGTCTTTTACATCTTCATCC
CTGTTGGAAGTGGTCTGGGCTATGTGCTGGGATCAACTGTGGCGAGCTGACAGGGAAGTGGCGTTGGGC
CCTCCGAATCATGCCCTGCTTGGATGCTGTGGCCTTGGCTCTGCTCATCTTGCTGGTTCAGACCTACCC
CGAGGAGCAGCTGAGAAACAGGGAGAAGTGCCTGTGAGGGCTCCGAGGAGCAGCTGGTATGAGGATGTCA
GATACTTGGGGAGAACTGGAGTTTTGTGTTTTCAACCCTTGAGTGACAGCCATAGCGTTTGTGACTGG
AGCTCTGGGCTTCTGGGCACCAAGTTTCTGTTTGAAGCTCGCGTGGTCCATGGCCTACAGCTTCCCTGC
TTCCAAGAGCAGTGCCACAGCCAGGACAGCCTGATTTTTGGGGCATTGACCGTGGCAACTGGTATTATTG
GTGTCATGCTGGGAGCAGAGGCCCAAGAAAGTACAAGAAGGTGAACCCAGGGCTGAGCCCTCATCTG
TGCTTCTAGTCTGTTGCCACAGCTCCTTGCCCTACCTGGCTCTCATCTTGGCCTCACGGACCCCTCTG
GCCTCCTATGTGTTCTTGGCCCTGGGGAGCTCCTTCTGTCTTGAAGTGGGAGTGGTGGTGGTGGTGGT
TGTGTCGGT
GGGAGACGCTGGCAGCCCTACCTCACTGGACTTATCTCAGTGTCTGCAAGGCTGAGCGCCCAACTCC
TACCTGCAAACTTCTCAGCCTTCAGCACAGCTTCTGTGTTGCGCCTTCGCCATCGTGTGGGCGGTG
GCTGCTTCTGCTGACTGCACTGCACTGGAAAGAGACCAGGCCCGGGCCAGGCAACTGGCGAAGAAAC
TCTGGACAGCAAGGACATAGCCAGGAGGACACTGAGAGACAAGGGCTGTATCTGGTACCAGCACCCCG
ACAGAGTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001109035

Insert Size: 1479 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_001109035.1](#), [NP_001102505.1](#)

RefSeq Size: 1829 bp

RefSeq ORF: 1479 bp

Locus ID: 497946

Cytogenetics: 10q24