

Product datasheet for **RN215021**

Spart (NM_001106433) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Spart (NM_001106433) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Spart
Synonyms:	Spg20
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN215021 representing NM_001106433
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGAGAGAGGAGCAGAAAAATGGAGAGCCTCTGAAATGAAGATCATCAAGGAGCGTACGAGAAGGCCT
 TTATGTTTGTCAATAAAGGACTGAACACAGACGAATTAGGGCAGAAGGAAGAGGCAAGACCTATTACAA
 GCAGGGAATAGGGCACCTGCTTAGGGGCATCAGCATCGCGGCGGAGCCAGGGCACACAGGCCCTGCG
 TGGGAGGCGGCCAGACAGATGCAACAGAAAAATGAAGAAACGCTTCAAGACGTCCGACACAGGCTAGAGA
 TCCTGGAGAAGGGCCTCGCCACTTCTACGGAATGACCTTCAGGACGTGCCAAGTTATACCCAGAGTT
 CCCTCCTAAAGGCACGTGCAAGAAGTCCCAGAGGCCGAGTCAGCTCCCAGCATGCTGAAGTGGATGGA
 AGCGCCTCAGCTCGGGTCTGGCCAAGTCCCGCCTTCCGCTCTGCCCTTACCATCGCCCGGCTGCC
 CTGCCGAAGCGCCACCGCCTACACCCACAGGCTGCCGAAGGCCACTACACTGTTTCTACGGGACAGA
 CTCTGGGAGTTTTTCATCGGTGGGAGAAGACTTCTATAGGAACCGTTCCAGCCGCCCTTTGAGACC
 TTGGGGCTCGATCGAGATGAGCTGATCTTGATCCCAAATGGAGTGCAGATCTTTTTGTAACCCTGCGG
 GAGAGGTCAGTGCTCCCTCATACCTGGCTACCTGCGGATCGTGAGGTTCTTGGATAATTCTCTGGATAC
 AGTTCTGAACCGCCCTCTGGATTTCTCCAGGTGTGTACTGGTTATACCTCTAGTTTCTGATAGGTCA
 CCAGTTCTCAAGTGCACCGTGGGAGCATACATGTTCCAGACACCATGTTACAAGCTGCCGGTGTCTTG
 TGGGGTGTCTCTCATCTGAGCTCCCAGAAGATGACAGAGAGCTGTTTGAAGATCTGTTGAGACAGAT
 GTCTGACCTTCGGCTCCAGGCCAACTGGAATAGAGAAGAAGAAGAAGAGGAAGAAGAAGAAGATGAA
 TTCCAAATCCCTGGGAGAGTAAAGGAACACCAAAGGAAGCGTCTGGCACTGATGTCAGGCAGTCAAGTT
 CTTCAAGTTCTCAATAGACCAAGGCAGCAAGGATGCACGCCATAAAGGAAAGCGTGGGAAAAAGACTAA
 AGATTCTCAAGTGAAGAAGTTAGTCTGAGACAGATGGTCTTGTGAGCCGAGTTCAAGAAGAAAAATCG
 AGAGACCTGCCTGAATGGAGCGAGAAAGTGGCCACAACATTCTGTGAGGTGCTTCTGGGTGAGCTGGG
 GTTTGGTCAAAGGTGCTGAATTTACTGGCAAAGCAATTCAGAAAGGTGCTTCTAAACTCAGAGAGCGCAT
 TCAGCCAGAGGAAAAGCCAGTGAAGTGAAGTCCAGCTGTTACCAGGGCCTCTACATAGCGAAGCAGGCA
 ACTGGAGAGCCGAAAAGTCAAGTCAAGTCAAGTCAAGTCAAGTCAAGTCAAGTCAAGTCAAGTCAAGT
 AAGAACTCGTCCACATGTCAAGAAGCATGGAAGCAAACCTCGTTCCAGAATCTCTGAAGAGAGACAAAGA
 TGGGAAGTCTACCCTGGATGGCGCCATGGTTGTGGCAGCAAGTAGTGTTCAGGATTCTCAACTGTCTGG
 CAGGGACTGGAATGTGCAGCTAAATGCATCGTTAACAACGTGTCTGCAGAACTGTACAGACTGTCAGAT
 ACAAGTATGGGCACAACGCAGGAGAAGCTACACATAATGCGGTGGACTCGGCTATCAATGTTGGGGTCC
 TGCCATACAATATTGACAACATCGGTATCAAAGCCATGGTGAAGAAAAGTCCCAAGCAGACAGGGCACACT
 CTCTTGAGGACTACCAGATCATTGAGAGCCCTCAGAGGGAAAGTCAAGGAGGAGCAACGAGCACAGAAG
 GGACAAGAGATGTGGAGAGGAAGATGGAGGAAGAGAAGAAGGGGCAAAAAAGAAAGATAAA**TA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001106433

Insert Size: 2025 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_001106433.2](#), [NP_001099903.2](#)

RefSeq Size: 3752 bp

RefSeq ORF: 2025 bp

Locus ID: 295053

Cytogenetics: 2q26