

Product datasheet for **RN206145**

Spire2 (NM_001127538) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Spire2 (NM_001127538) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Spire2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN206145 representing NM_001127538
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCCCGGGCGGGCGGGCGGGCGGCAGCAGCTCCCGAACCGCGGGGGCGGGCGGGCCGAGCCGT
 GGGAGCTGTCCTGGAGGAAGTCTGAAGGTGTACGAGCAGCCATCAACGAGGAGCAGGCCTGGGCGGT
 GTGCTTCCAGGGCTGCCCGGGCTGCGGGGCGAGCCGGCGGCGTGCGGCGCATCCGGGACAGGCAGAC
 ATCCTCTGCGTAGGGACGGCTCGGTTGGCGCGCGCTGGAGCCCGAGCCTTCGACCATGGTGGTCCCAC
 CCGCCAACTCAGAAGCCAGATGGTGCAGTCACTGGGCTTTGCCATCTACCGTGCCTGGACTGGGGTT
 AGACGAGAATGAGGAGCGAGAGCTCAGCCCGCAGCTGGAGAGGCTCATCGACCTCATGGCCAACAGCGAC
 TGTGAAGACAGCAGCTGCGGGGCGAGATGAGGGCTACGGGGTCCAGAAGAGGAGGAGGAGGCTGAGG
 GCGGCCCCGAGCTGTGCGCACCTTTGCTCAGGCCATGCGGCTGTGTGCCTCACGCCTGACGGATCCCCA
 CGGTGCGCAGGCCACTACCAGGCAGTGTGCCGAGCTCTTTTGTGGAGACGCTCGAGCTCCGTGCCTTC
 CTGGCCCGGGTGAAGGAGCCAAAGAGATGCTGCAGAAGCTAGGAGAGGATGAGCCACGGGTAGAGAAGC
 CGCTGGCCGAGCTCGACCACCTGGGACACACAGACTGGGCCCGGCTGTGGTCCAGCTCATGCGGGAGCT
 CCGTCACGGGGTGAAGCTGAAGAAGGTGAAGAAGAAGGAGTTCAACCCCTGCCACCGAGTTCCAGCTC
 ACGCCCTTCGAGATGCTGATGCAGGATATCCGTGCCAGGAATAAAGCTGCGAAAGGTCATGGTCGATG
 GCGACATCCCTCCCGAGTGAAGAAAGACGCCATGAGCTCATCTGGACTTCATCCGTTACCGGCTCC
 ACTGAAGCAGGTCTCAGAGAGACGGCTTCGCCCTGTGCCACAGAAGCAAGAAGCACTGCACGAGAAGATC
 CTGGAGGAAATCAAACAGGAGCGGAGGCTTCGTCCAGTAGGGGCCAGCACTTGGGAGCCCGTGGGTTTG
 GTTCTCTGCCCTGCATCCTCAACGCCTGCTCCGGGGACATCAAGTCCACTTCTGCATCAACCTGTCTGT
 CACAGATGCTGGGAGTGGGAGTCAAGCGCCACGGCCCGGGTCCGTGCTGAAAGCCCCGACCTTAGCAGAG
 ATGGAAGAGATGAGCACGCTGAGGAAGAAGAGTCCCATGTGGTGGAGTGGCGTGAAGCGGGACCGCT
 CTTTTTCGGAACACGACCTGGCCAGCTTCGGAGTGAAGTGGATCTGGCCTTCAGTCAGCCACTCAGCC
 CCCAGGAGGGACAGAGCCTCCTCGGGTCAAGCAGGCAGCATGCACTCCTGGAGGCCAGCACCCGAGAC
 CAGGGTCTCTGTTCTGTGAGTGGCCAGTCTCAGCCTCACCCAGCAACTTGAAGTCAAGCGGATGGACCTG
 AGGCTTCTGCACCAGATGCCAGACATCTATGGCTGGAGTTCAGCCATCCTGTGGAGAGCCTGGCTCTGAC
 TGTAGAAGAGGTGGTAGATGTGCGGAGGGTGTGGTGAAGGCAGAGATGGAGAAGTTTCTCAGGACAAG
 GAGCTCTTCAGCAGCCTAAGAGGGGAAGATTTGTTGCTGCTGCCGAACCAAGTTTCCCCTATTTTCT
 GGCACCTACCTGTCTTCTGCAAGAGAGCCGTGTGCACTTCCGTAGCGTAAAGATGAAGATGCCTTC
 CAAGAAGCATGGACACATCCCTGTGTACACACTTGGTTTCGAGAGTCTCCAGAGGGTGCCTAACTACAAA
 GCCTCGCCAGCACTGAGGAGAGACGCCTTCCAATGCCTGCAGGGACCGAAGTGGCGGAGCGTGGAGGAGG
 AGTTCCCCACATCTATGCCACGGCTGTGTCTCAAGGACGCTGCAAGTGCAGTGCACCAGCTTTGTGGC
 TGACGTAGTGTCTCCAGCCGAAGAGCGTGGATGTCTCAATGCCACGCCACGGCGCAGCCACCAGACG
 CAGTCCCTCTATGTCCTCAACACCAGGACTCTCAACTTCCAATGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001127538

Insert Size: 2145 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:	<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_001127538.1, NP_001121010.1</u>
RefSeq Size:	2304 bp
RefSeq ORF:	2145 bp
Locus ID:	307925
Cytogenetics:	19q12