

Product datasheet for **MC218397**

Spire1 (BC094375) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Spire1 (BC094375) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Spire1
Synonyms:	6030430B19Rik; AI415299; AU022898; AW550622; Spir-1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >BC094375
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGGCCAATACCGTGGAGGCTGACGGGAGCAAGGATGAAGGGTACGAGGCTGCAGATGAAGGCCCGGAAG
 ATGAAGACGGAGAGAAGAGAAGCATCTCAGCCATCCGGTCTATCAGGAGTTATGAAGATCTGTGCTGC
 TCACCTCCCAACTGAGTCGGAGGCACCCAATCATTATCAGGCAGTATGTCGGGCCCTGTTGCGAGAAACC
 ATGGAAGTGCATACATTTCTGACCAAAATTAAGAGTGCAAAGGAGAACCTTAAGAAGATTCAAGAAATGG
 AAAAGGGTATGAATCTAGCACAGATCTGGAGGACCTGAAAAATGCAGACTGGGCCCGGTTCTGGGTACA
 AGTGATGAGGGATTTGCGAAATGGGGTAAACTTAAGAAAGTCCAGCAGCGGCAGTACAACCTCTGCC
 ATTGAGTACCAACTGACCCCTTATGAGATGCTCATGGACGACATTCGGTGCAAAGATACACCTTGAGAA
 AAGTAATGGTAAATGGTACGTCACCCCTCGGTTGAAAAAGAGTCTCATGAGGTCATCCTTGACTTTAT
 CAGATCAAGACCCCTTTAAATCCAGTTTCAGCCAGAAAAGTAAACCAACCCACCACGGCCACGGAGC
 CTCATGAAAGAATATTAGAAGAAATTAAGCAGAAAAGAAAGCTTCGACCTGTGTACCAGAAAGAAATTA
 GACGGAGCAGACTAGTGGGCCACTTAGCATGTCTCACAGTTTTGACTTGTGAGATGTCACCTACGCCAGA
 ATCTCAAAGAATGTTGGAGAATCATCTATGGTGAATGGAGGCTTAACATCTCAAACAAAAGAAAATGGG
 CTGAGCGCTGCCAGCAGGGGTCTGCGCAGAGGAAGAGGCTCCTCAAAGCCCAACCTGGCTGAACTGG
 ACAGCTTGACTCTGAGGAGGAAAAAGTCTGCACAAGTCAACCAGCAGCAGCAGTGCCTCTCCCTCCCT
 CTATGAGGATCCAGTACTGGAGGCCATGTCTCCAGGAAGAAGCCTCCAAAATTTCTGCCCATCTCATCA
 ACACCCAGCCAGAGAGAAGGCAGCCACCGCAGAGGCGCCACTCCATTGAGAAGGAAACACCTACGAACG
 TGAGGCAGTTTCTGCCACCATCCAGGCAGAGCTCACGGTCTCTTGAGGAATTCTGCTACCCAGTGGAGTG
 CCTCGCTCACTGTGGAGGAAGTGTGCACATCCGTCAGGTCCTGGTGAAAGCAGAGCTGAAAAAGTAC
 CAACAGTATAAGGATGTCTACACTGCCCTGAAAAAAGGAAAGCTCTGCTTCTGTTGCCGAACCCGGAGGT
 TTTCTTCTTACCTGGTCTTACACCTGTGAGTCTGTAAAGAGGCCCGTGTGCTCACAGTGTGCAAAAA
 GATGCGGCTGCCTTCAAAGCCATACTCTACTCTACCTATCTTCTTTGGGACCTTCTGCCTTGCAAGG
 GGGGAAAGCTGTTGAGGTCAGAAAAACCTCCACTAGTACCATCGGCCTTTCGAAGTATTGCCAGGT
 TCTCCAAAAATCCAGGTCTGTGGACAAGTCCGATGAGGAGCTCCAGTTTCCAAAGAGCTCATGGAGGA
 CTGGAGCAGGATGGAGGTGTGTGGACTGCAAAAAGTTCATCTCCGAGATCATCAGCTCAAGCCGGCCG
 AGCCTGGTGTGCTAACAAAAGAGCCAGGTTGAAAAGGAAGACACAGTCTTTCTACATGTCTCGCGCG
 GCCCTCGGAGTACTGCCCTTCAAGCGACTATCAACGAGATCTGA

ACGCGTACGCGGCCGCTCGAGCAGAAAAGTCACTCTGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: BC094375

Insert Size: 1797 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: [BC094375](#), [AAH94375](#)

RefSeq Size: 4972 bp

RefSeq ORF: 1796 bp

Locus ID: 68166

Cytogenetics: 18 E1