

## Product datasheet for MC201168

### Spon1 (NM\_145584) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Spon1 (NM\_145584) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Spon1  
**Synonyms:** AI666765; AW455831; BC020531; D330035F22Rik; FSP  
**Mammalian Cell Selection:** Neomycin  
**Vector:** PCMV6-Kan/Neo (PCMV6KN)  
**E. coli Selection:** Kanamycin (25 ug/mL)

**Fully Sequenced ORF:** >BC020531 sequence for NM\_145584  
 CGGACGCGTGGGCAGCTCCGCTCGCTCCGCTCAGAGCAGCGCAGCTCCGCAGCCGCCAAAGCGGAGG  
 CGGGACGGTCTCCCCACCGCCAGCGCCACCCGGGCTCCTCCAGTTTCGCCTCTGCAGTCCCCTCACT  
 TGGAGCAGGAGTGTCTGACAGGGTCTGCAACATCCGCATAAAGTTGGGGGGCCCTCGAGGATGAGGCTG  
 TCTCCCGTGTCCCTGAGGCTTAGCCGGGTCCGCGCTGCTGGCCCTCGCGCTGCCCTGGCCGAGCGC  
 TAGCTTTCTCAGATGAGACCCTGGACAAAGTGACCAAGTCGGAGGGCTACTGCAGCCGCATCTTGCGCGC  
 CCAGGGCACACGGCGTGAGGGATACACGGAGTTACGCCTCCGCGTGGAAGGCGACCCTGACTTCTATAAG  
 CCAGGAAGCAGCTACCGAGTGACACTTTTCGGCTGCTCCTCCCTCACTTTCAGAGTTTTCAGTTAATTG  
 CCCTCAAAGAGAACCAGGAGGGAGATAAGGAAGAAGATCATGCAGGCACCTTCCAGATCATAGATGAGGA  
 AGAGACCCAGTTTATGAGTAAGTGTCTGTGGCGTCACTGAAAGCACCCCTCGGAGGAGACACGGATC  
 CAGGTGTTTTGGATAGCGCCACCAACAGGGACAGGCTGTGTGATTCTGAAGGCCAGCATTGTACAGAAAC  
 GCATAATTTATTTCAAGACGAGGGCTCCCTGACCAAGAAGCTGTGTGAACAGGATCCCACACTTGTATGG  
 GGTGACGGACAGACCCATCTTAGACTGCTGCGCTGTGGAAGTCCAAAGTACAGACTCACGTTTTATGGG  
 AACTGGTCCGAGAAGACTCATCCGAAGGATTACCTCGTCCGGGTAACCCTGGTCTGCCATCATTGGTG  
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 GACCCCTGACTAGTCTGGATCATCCTCAGAGTCTTTCTATGACCCAGAAGGTGGGTCCATCACACAAGT  
 GGCCAGAGTGTGATCGAGAGAATTGCCGGAAGGGAGAAGTGAACATTGTACCTGACAACGTGGAC  
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 ACTGGTCCCCATGGTCCGCTGCAGCTCTTCCACTTGTGAAAAGGGCAAGAGGATGCGGCAGCGCATGCT  
 GAAGGCACAGCTGGACCTCAGTGTCCCCTGTCTGACACCCAGGACTTCCAGCCCTGCATGGGCCAGGC  
 TGCAGCGATGAAGATGGCTCCACCTGTACCATGTCCGAGTGGATCACCTGGTCCCGCTGTAGCGTCTCGT  
 GCGGCATGGGCATGAGGTCCCGGAGAGATACGTGAAGCAGTTCCCGGAAGACGGCTCAGTGTGCATGCT



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GCCCACGGAGGAGACGGAGAAGTGCACAGTCAACGAGGAGTGCTCTCCTAGCAGCTGCCTGGTGACTGAG
TGGGGTGAAGTGGGACGACTGCAGTGCCACCTGTGGGATGGGTATGAAGAAGAGGCACCGTATGGTCAAGA
TGAGCCCCGCGGACGGCTCCATGTGCAAGGCAGAGACATCGCAGGCGGAGAAATGCATGATGCCTGAGTG
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GAGGACAGATTCTCCTCTCATCTGCGCCCTGCTCACTTTACAGAAACCCGTTACCCATCTCTTTTT
TTATTTAGCACAACCTCCAGGTATCTTGGTAAGTCTCCAGGGTACAGGGTCTTTCAGTGCCCTGAAGGAGG
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GGTGATGATGGCTACTTTATTTGTGAGCCATGATTTCCGTTGAGTTCTGATTGTTGGTGCCATAAGTGTC
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TGGGCACTGGTTCCAAAGCCACCCTAAAATCTTCTACACATATGCAAACCTTTTAGGTTCCCAATCTT
CCTTAGAATAAAAACATTTTAGCTCTGAGAACTACCTGATAAGTTCGGCCAGAGACCACCAAGTCAATCCT
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TCTCAGCTGTGAGCTCATTAGCAGGTTTTACTCATGCATCTGTTAAAGCTACCACCACATCCTTTTGCAA
GTCTGTTTATTACCGCTTATCCAAATACATACTGTGGGCAAGATGCACACAGTGTATGAATACAGTAC
TTTAAGAATCTCCATTCAACATATCAGAATATGCCAGCCACATCTATGTACAACCCCTGAATATGTATT
TTCTTAACACACGAGAGCCTGTCAATTAATAAAAAAAAAAAAAA
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- Restriction Sites:** RsrII-NotI
- ACCN:** NM\_145584
- Insert Size:** 2424 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:** [BC020531](#), [AAH20531](#)

**RefSeq Size:** 4035 bp

**RefSeq ORF:** 2424 bp

**Locus ID:** 233744

**UniProt ID:** [Q8VCC9](#)

**Cytogenetics:** 7 F1

**Gene Summary:** Cell adhesion protein that promotes the attachment of spinal cord and sensory neuron cells and the outgrowth of neurites in vitro. May contribute to the growth and guidance of axons in both the spinal cord and the PNS (By similarity).[UniProtKB/Swiss-Prot Function]