

Product datasheet for MC229511

Sptbn4 (NM_001199235) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Sptbn4 (NM_001199235) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Sptbn4
Synonyms:	1700022P15Rik; 5830426A08Rik; dyn; lnd; nmf261; nmf379; qv; ROSA62; SpbIV; Spnb4
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC229511 representing NM_001199235 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGCTGATGGCTCGTGATGGCACCCGGGAAGACAGCCACAAGCTGCACAAGAGATGGCTCCGGCACCAGG
CGTTCATGGCTGAGCTGGCTCAGAATAAGGAGTGGCTGGAGAAGATAGAAAGGGAGGGCCAGCAACTGAT
GCAGGAGAAACCGGAGCTGGCAGCCTCTGTGCGCAAGAAATTAGGTGAGATCCGGCAGTGTGGGGCGAG
CTGGAGAGCACCACAGGCCAAGGCGCCAGCTCTTCGAGGCCAGCAAGGCGGACCAGCTAGTGACAGA
GCTTCGCGGGAGCTGGACAAGCGGCTGCTTCACATGGAAAGCCAGCTGCAAGACGTAGACCCCGGTGGGGA
CCTGGCCACTGTCAACAGCCAGCTCAAGAAGTTACAGTCCATGGAGTCTCAGGTGGAGGAGTGGTGCCGA
GAGGTGGGCGAGCTTCAGGCGCAGACGGCGGCGCTTCCGCTGGAGCAGGCGAGCAAGGAGTTGGTGGGGG
AGCGGCAGAGTGCAGTGGGCGAGCGCCTGGTGCGCCTGCTGGAGCCTTTGCAGGAGCGACGCCGCTTGT
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CTGCCACTGGCCATGCAGACAGAGCGAGGCACTGGCTTGCAGGCTGTCCAGCAGCACATCAAAAAGAACC
AGGGCCTGCGGCGGGAGATCCAGGCTCACGGCCGCGCTTGGAGGAGGTGCTGGAGCGCGGGGCTGCT
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TTGACGTGGCTGAGGTGGAGGCATGGCTGGGCGAGCAGGAGCTGCTCATGATGAGTGAGGACAAGGGCAA
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GAAAGCATCGCCAGCTGTACGCCAGTGCCGGGCGCTACTGAAATGGGACACCCAGACAGTGAAGCAA
TCAGCCCGGACAGTCCAAGTGGATCGCCTCTATGTGGCGCTCAAGGAGCTGGGCGAGGAACGCAGGGT
GAGCCTGGAACAGCAGTACTGGCTCTACCAGCTCAGCCGCCAGGTGGATGAGCTGGAACACTGGATAGCC
GAGAAGGAGGTGGTAGCTGGCTCCCAGAGCTGGCCAGGACTTCAACACGTGTGGTGTACAGGAGA
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GGACGAGCTGATTGAGTGTGGTACACAGCAGCGCCACCATGGCTGAGTGGAAGGACGGGCTGAACGAG
GCCTGGGCTGAGCTGCTGGAACCTCATGGCACTCGGGCCAGCTGCTCGCTGCTCGGGAGCTGCATA



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AGTTCTTCAGCGATGCCCGGGAGCTTCAAGGGCAGATTGAGGAGAAGCGGAGGAGGCTGCCCCGCTGAC
 GGCACCACCTGAACCCAGACCCAGTCCAGCTCCATGCAGCGGACCCTGCGAGCCTTTGAGCACGACCTG
 CAGCTCCTCGTGTCCCAGGTACGGCAGCTGCAGGAAGGGGCGGCCAGCTGCGGACGGTGTACGCTGGCG
 AGCACGCCGAGGCCATCGCCAGCCGCGAGCAGGAGGTGTTGCAGGGCTGGAAGGAGCTGCTAGCAGCCTG
 TGAAGATGCTCGTCTGCACGTGAGTCCACGGCCGACGCCCTGCGCTTCCACAGCCAGGCCCGGACCTG
 CTCTCCTGGATGGACGGCATCGCGGGCCAGATCGGGGCAGCTGACAAACCAGGGATGTGTATCGGTGG
 AGGTGCTTATGAACTACCACCAGGGCCTGAAGACAGAGTTGGAGGCGCGCTGCCTGAGCTGGCAACCTG
 CCAGGAGCTGGGCGGTCTCTATTACTCAACAAAAGCGCCATGGCTGATGAGATCCAGGCCAGCTGGAC
 AAGCTGGGAAGCCGGAAGGAGGAGTGTGCGAGAAGTGGGACCGTCACTGGGAGTGGCTGCAGCAGATGC
 TGGAGGTACACCAGTTTGTCTCAGGAGGCGTGGTGGCTGACGCTGGCTGACAGCTCAGGAACCGCTCCT
 GCAGAGCCGGGAGCTGGGAGCAGTGTGGATGAGGTGGAGCAGCTTATCCGGCGACAGAGGCCCTCCGA
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 CAGAACAGAGTAAGCAGCCACCCACCCCTTACTGGGCGCAAGTTCTTTGGGACCCACAGAGCTGGC
 GGCAAGGCAGCGCTTTGCTGCGTCCAGGGGCTATGACAGGGCCTGGAGCCTTTGGCCGAGGGCC
 TCGGACACGCTGTGAGCGGAGTGCAGCCCGGTTGGGTATGTGCGCCAGGAGCTCAAGCCGAGCGCTC
 TCAGCCGCGCATTGACCGGCTGCCAGAGACCTCGGGGAAGGTAGAACCAGCGGCCCCGACAGCCGAGC
 GTTGGACACGACGGACACCCCTGGGACTCCGGCGGCGACGGAGTTGGTCCGGCCCGGTGCGAGCGCCAG
 GAGTTAGCGGATCGTGGGAGGAGCTGCCACGGAGACGAAGATCAGAACGCCAGGAGTCCGTGGATCAAC
 CAGAGGAGACAGCGGGAGGCGGCGGCTGAGCGCCAGGAGTCCGCGGACCACGAGGGGCCGACAGCCT
 TACTCTAGGTGCTACGAGCAGATGGAGAGACGGCGGGAGCGGAGGGAGCGGCGGATAGAACGACAGGAG
 TCTAGCGAACAGGAGACTCCCACAGGGGAGAGCTGGTCAAAGGGAAGGCCACTCTGGCTGATATTGTGG
 AGCAACTTCAGGAGAAAGAGGCAGGCCAGGGATCCCTGCTGGGTGCCGTGCTGCCTCAGCCTCGCGA
 GCTTCCCCTGGTGCCTGCCAACGGGCTTGAGCCGCCGAGCGGACACCTCGGCCGATCGGCCGCGG
 GCACGGGACCGGCCAAGCCGCGCGGCGGCCACGGCCTCGAGAGGGTGGTGGAGGCGGGGAAGCCGCG
 GCTCGCGCTCCGCCCTGCCAGGGAGGCTCCGCCCGCGCGCCACCTCCGCCACTCACACAGTGCA
 GCACGAGGGCTTCTGCTGCGCAAGCGCGAGCTCGACGCTAACCGCAAGTCGTCCAACCGGTGATGGGTG
 AGCCTGTACTGTGTGCTCAGCAAGGGGAGCTGGGCTTCTACAAGGACTCCAAAGGCCAGCATCAGGGG
 GCACGCTGTTGGGGAACCAGTCTCAGCCTGCACAAAGCCACCAGCGAGGTGGCTAGTGACTACAAGAA
 AAAGAAGCATGTCTTCAAGCTCCAGACCCAGGATGGCAGTGAGTTCTTGTCCAGGCTAAAGATGAGGAG
 GAGATGAACGGCTGGCTGGAGGCTGTGGCTAACTCCGTGGCAGAACACGCCGAGATCGCCGATGGGCTC
 AGACACTACCTACCACATCATCCACAGATGAGGGCAACCCAAGCGTGAGGGCGGGGAGCGTAGGGCCAG
 CGGGCGCCGGAAGTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-MluI
- ACCN:** NM_001199235
- Insert Size:** 3726 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).
- OTI Annotation:** Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
- 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_001199235.1](#), [NP_001186164.1](#)

RefSeq Size: 4861 bp

RefSeq ORF: 3726 bp

Locus ID: 80297

Cytogenetics: 7 15.88 cM