OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for MC229512

Sptbn4 (NM_001199236) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Sptbn4 (NM_001199236) 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:	>MC229512 representing NM_001199236 Red=Cloning site Blue=ORF Orange=Stop codon TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC GCCGCGATCGCC ATGCTGATGGCTCGTGATGGCACCCGGGAAGACAGCCACAAGCTGCACAAGAGATGGCTCCGGCACCAGG CGTTCATGGCTGAGCTGGCTCAGAATAAGGAGTGGCTGGAGAAGATAGAAAGGGAGGGCCAGCAACTGAT GCAGGAGAAACCGGAGCTGGCAGCCTCTGTGCGCAAGAAATTAGGTGAGATCCGGCAGTGCTGGGCGGAG CTGGAGAGCACCACACAGGCCAAGGCGCGCCAGCTCTTCGAGGCCAGCAAGGCGGACCAGCTAGTGCAGA GCTTCGCGGAGCTGGACAAGCGGCTGCTTCACATGGAAAGCCAGCTGCAAGACGTAGACCCCGGTGGGGA CCTGGCCACTGTCAACAGCCAGCTCAAGAAGTTACAGTCCATGGAGTCTCAGGTGGAGGAGTGGTGCCGA GAGGTGGGCGAGCTTCAGGCGCAGACGGCGGCGCTTCCGCTGGAGCAGGCGAGCAAGGAGTTGGTGGGGG AGCGGCAGAGTGCGGTGGGCGAGCGCCTGGTGCGCCTGCTGGAGCCTTTGCAGGAGCGACGCCGCTTGTT GCTGGCATCCAAGGAGCTGCATCAGGTGGCCCACGACCTGGACGATGAACTGGCTTGGGTTCAAGAGCGG CTGCCACTGGCCATGCAGACAGAGCGAGGCACTGGCTTGCAGGCTGTCCAGCAGCACATCAAAAAGAACC AGGGCCTGCGGCGGGAGATCCAGGCTCACGGGCCGCGCTTGGAGGAGGTGCTGGAGCGCGCGGGCGTGCT GGCCTCGCTGCGCAGCCCAGAGGCCGAAGCGGTGCGCCGTGGCCAAGAGCAGCTGCAGAGCGCCTGGACC GGGCTGCGGGAAGCGGCCGAACGGCGGCAGCAGACGCTGGACGCCGCCTTCCAGGTGGAACAGTACTACT TTGACGTGGCTGAGGTGGAGGCATGGCTGGGCGAGCAGGAGCTGCTCATGATGAGTGAGGACAAGGGCAA GGATGAACAGAGCACCCTGCAGCTGCTCAAGAAGCATTTACAACTGGAACAGGGCGTGGAGAACTATGAG GAAAGCATCGCCCAGCTGTCACGCCAGTGCCGGGCGCTACTGGAAATGGGACACCCAGACAGTGAGCAAA TCAGCCGCCGACAGTCCCAAGTGGATCGCCTCTATGTGGCGCTCAAGGAGCTGGGCGAGGAACGCAGGGT GAGCCTGGAACAGCAGTACTGGCTCTACCAGCTCAGCCGCCAGGTGGATGAGCTGGAACACTGGATAGCC GAGAAGGAGGTGGTAGCTGGCTCCCCAGAGCTGGGCCAGGACTTCGAACACGTGTCGGTGCTACAGGAGA AATTCTCAGAGTTTGCCAGTGAGACAGGAACCGCAGGGCGGGAGCGGCTGGCGGCGGTCAACCAGATGGT GGACGAGCTGATTGAGTGTGGTCACACAGCAGCGGCCACCATGGCTGAGTGGAAGGACGGGCTGAACGAG GCCTGGGCTGAGCTGCTGGAACTCATGGGCACTCGGGCCCAGCTGCTCGCTGCCTCTCGGGAGCTGCATA

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AGTTCTTCAGCGATGCCCGGGAGCTTCAAGGGCAGATTGAGGAGAAGCGGAGGAGGCTGCCCCGCCTGAC
GGCACCACCTGAACCCAGACCCAGTGCCAGCTCCATGCAGCGGACCCTGCGAGCCTTTGAGCACGACCTG
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GAGATGAACGGCTGGCTGGAGGCTGTGGCTAACTCCGTGGCAGAACACGCCGAGATCGCCCGATGGGGTC
AGACACTACCTACCACATCATCCACAGATGAGGGCAACCCCAAGCGTGAGGGCGGGGAGCGTAGGGCCAG
CGGGCGCCGGAAGTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001199236

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_001199236.1, NP_001186165.1
RefSeq Size:	4724 bp
RefSeq ORF:	3726 bp
Locus ID:	80297
Cytogenetics:	7 15.88 cM