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Product datasheet for MC225301

Sptbn2 (NM_021287) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Sptbn2 (NM_021287) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Sptbn2
Synonyms:	mKIAA0302; Spnb3
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC225301 representing NM_021287 Red=Cloning site Blue=ORF Orange=Stop codon TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC GCCGCGATCGCC ATGAGCAGCACTCTGTCACCCACTGACTTTGACAGCTTGGAGATCCAGGGCCAGTACAGTGACATCAACA ACCGCTGGGACCTGCCTGACTCAGACTGGGACAATGACAGCAGTTCGGCCCGCCTCTTTGAGAGGTCCAG GATCAAGGCCCTGGCAGATGAGCGAGAAGCCGTGCAGAAGAAAACCTTCACCAAGTGGGTGAACTCCCAC CTGGCCCGGGTGACATGCCGGGTGGGAGACCTGTACAGCGACCTGCGGGACGGGCGCAACCTCCTGAGGC TCCTGGAGGTGCTCTCGGGAGAGACCCTGCCAAAACCTACCAAGGGCCGAATGCGGATTCACTGCCTGGA GAATGTAGATAAAGCGCTGCAGTTCCTGAAGGAGCAGAAGGTGCACTTGGAAAACATGGGCTCCCATGAC ATTGTGGACGGAAACCACCGTCTGACCCTTGGGCTAGTGTGGACCATCATCCTCCGATTTCAGATCCAAG ACATCAGTGTGGAGACAGAAGACAACAAGGAGAAGAAGTCAGCCAAGGATGCCCTGCTGCTGTGGTGCCA GATGAAGACTGCAGGATACCCCAATGTCAATGTGCACAACTTTACCACCAGTTGGAGAGATGGGCTGGCC TTTAATGCCATTGTGCACAAACACCGGCCAGACCTGTTGGATTTTGAGTCCCTGAAGAAGTGTAATGCAC ACTACAATCTGCAGAATGCTTTCAATCTGGCTGAAAAGGAACTTGGCCTGACGAAGCTCCTGGATCCTGA AGATGTGAATGTAGACCAGCCCGACGAGAAGTCTATCATCACCTACGTGGCCACTTACTACCACTACTTC TCCAAGATGAAGGCCCTGGCTGTGGAAGGCAAAAGAATTGGCAAGGTCCTAGACCATGCCATGGAGGCAG AACACCTGGTAGAGAAATACGAGTCCCTGGCCTCTGAACTGCTGCAGTGGATTGAGCAAACGATCGTGAC CCTCAATGACCGACAGCTGGCCAACTCCCTGAGTGGAGTCCAGAACCAGCTGCAGTCTTTCAACTCCTAT CGCACTGTGGAGAAGCCACCCAAGTTCACGGAGAAAGGGAACTTGGAGGTGTTGCTCTTCACCATCCAGA GCAAGCTACGGGCCAACAACCAGAAGGTCTACACACCCCGGGAAGGCCGGCTCATCTCGGACATCAACAA GGCCTGGGAGCGGCTGGAGAAAGCCGAACATGAGCGAGAGCTAGCGCTGCGCACAGAGCTGATCCGCCAG GAGAAGCTGGAGCAACTGGCTGCTCGCTTCGACCGCAAGGCTGCCATGCGGGAGACCTGGCTCAGTGAGA ACCAGCGACTTGTGTCCCAGGACAACTTTGGGCTGGAACTGGCAGCAGTGGAGGCTGCAGTGAGAAAGCA TGAAGCCATTGAGACAGACATTGTCGCCTACAGTGGCCGGGTGCAGGCGGTGGATGCTGTAGCTGCAGAA CTGGCTGCTGAGCACTACCATGACATTAAGCGCATTGCGGCACGTCAGAACAACGTGGCCCGGCTCTGGG

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TTCAGCTTCTTTAAGAAGAACAAGTAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_021287

Insert Size: 7167 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:	NM_021287.1, NP_067262.1
RefSeq Size:	8254 bp
RefSeq ORF:	7167 bp
Locus ID:	20743
Cytogenetics:	19 4.1 cM