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Product datasheet for MC225332

Sptan1 (NM_001076554) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Sptan1 (NM_001076554) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Sptan1
Synonyms:	2610027H02Rik; Spna-2; Spna2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC225332 representing NM_001076554 Red=Cloning site Blue=ORF Orange=Stop codon TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC GCCGCGATCGCC ATGGATCCAAGTGGGGTCAAAGTGCTGGAAACAGCCGAGGACATCCAGGAGAGACGACAGCAAGTCCTGG ATCGGTACCACCGCTTCAAGGAGCTCTCTACCTTACGGCGTCAGAAGCTGGAGGATTCCTATCGGTTCCA GTTTTTTCAAAGAGATGCTGAGGAGTTGGAGAAGTGGATTCAGGAGAAGCTTCAAGTTGCATCTGATGAG AACTACAAAGACCCAACCAACTTGCAGGGAAAGCTGCAGAAGCACCAAGCCTTTGAAGCTGAAGTACAGG CTAACTCAGGAGCCATTGTGAAGCTGGACGAGACAGGAAACTTGATGATTTCTGAAGGGCACTTTGCATC TGAAACCATCCGGACACGTTTAATGGAGCTGCACCGGCAGTGGGAACTGCTTTTGGAGAAGATGCGGGAG AAAGGAATCAAACTGCTGCAGGCACAGAAGCTGGTGCAGTATTTGCGGGAGTGTGAGGATGTAATGGACT GGATCAATGACAAGGAAGCAATTGTGACTTCTGAGGAGCTGGGCCAGGACCTGGAGCATGTAGAGGTGCT ACAGAAGAAGTTTGAAGAGTTTCAGACTGATCTGGCTGCTCATGAAGAAAGAGTTAATGAAGTGAGCCAG TTTGCTGCCAAACTCATCCAGGAGCAGCACCCGGAAGAGGAGCTGATCAAGACCAAGCAGGATGAGGTGA ATGCAGCATGGCAGCGACTGAAAGGCCTGGCTCTTCAAAGGCAGGGCAAGCTGTTCGGTGCTGCTGAGGT CCAGCGCTTTAACAGGGATGTAGATGAGACCATTGGTTGGATTAAGGAGAAAGAGCAGTTAATGGCCTCT GATGACTTCGGCAGAGACTTAGCAAGTGTTCAAGCTCTGCTTCGAAAGCATGAGGGTCTGGAGAGAGATC TTGCTGCTCTAGAGGACAAGGTGAAAGCCCTGTGTGCTGAGGCTGACCGCCTGCAACAGTCACACCCTCT GAGTGCCAGCCAGATCCAGGTGAAGCGAGAGGAGCTGATTACCAACTGGGAACAGATCCGAACTCTGGCA GCAGAGAGACATGCACGGCTTGATGACTCGTACAGGCTTCAGCGCTTTCTTGCTGACTTCCGTGACCTCA CAAGCTGGGTAACTGAAATGAAAGCCCTCATCAATGCAGATGAACTGGCCAATGATGTGGCTGGTGCTGA AGCCCTGCTGGACAGGCATCAAGAGCACAAGGGTGAGATCGACGCTCATGAAGATAGCTTTAAGTCTGCA GATGAGTCTGGGCAAGCTCTGCTTGCGGCTAGTCACTATGCCTCAGATGAAGTGAGGGAGAAGCTGAGCA TCCTCTCCGAGGAGAGAACTGCCCTGCTGGAGCTGTGGGAGCTTCGGAGGCAGCAGTATGAGCAGTGCAT GGACTTGCAGCTCTTCTACCGTGACACTGAGCAGGTGGACAACTGGATGAGCAAGCAGGAGGCATTCCTG CTAAATGAAGACTTGGGTGACTCCTTAGACAGTGTGGAAGCTCTTTTGAAGAAGCATGAGGACTTTGAAA

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ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001076554

Insert Size: 7437 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_001076554.2, NP_001070022.1
RefSeq Size:	8042 bp
RefSeq ORF:	7437 bp
Locus ID:	20740
Cytogenetics:	2 20.93 cM