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Product datasheet for RN205584

Sptan1 (NM_171983) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Sptan1 (NM_171983) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Sptan1
Synonyms:	A2a; IPF; Spna2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN205584 representing NM_171983 Red=Cloning site Blue=ORF Orange=Stop codon TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC GCCGCGATCGCC ATGGATCCAAGTGGGGTCAAAGTGCTGGAAACAGCCGAGGACATCCAGGAGAGACGACAGCAGGTTCTGG ATCGGTACCACCGCTTCAAGGAGCTCTCTACCTTGCGGCGGCAGAAACTGGAGGATTCCTATCGCTTCCA GTTTTTTCAGAGAGATGCTGAGGAGCTGGAGAAGTGGATTCAGGAGAAGCTTCAAGTTGCCTCTGATGAG AACTACAAAGACCCCACCAACTTGCAGGGAAAGCTCCAGAAACACCAAGCCTTTGAAGCTGAAGTACAGG CCAACTCAGGAGCCATTGTGAAGCTGGATGAGACAGGAAACTTGATGATTTCTGAAGGGCACTTTGCATC TGAGACCATCCGGACACGTTTAATGGAGCTGCACCGCCAGTGGGAGTTGCTTTTGGAGAAGATGCGGGAG AAAGGAATCAAACTGCTGCAGGCACAGAAGCTGGTGCAGTATTTGCGGGAGTGTGAGGATGTAATGGACT GGATCAATGACAAGGAAGCAATTGTGACATCTGAGGAGCTGGGCCAGGATTTGGAGCATGTAGAGGTACT ACAGAAGAAGTTTGAAGAGTTTCAAACTGATCTGGCTGCTCATGAAGAAAGAGTTAATGAAGTAAACCAG TTTGCTGCCAAACTTATCCAGGAGCAGCACCCGGAAGAGGAGCTGATCAAGACCAAGCAGGAGGAGGTGA ATGCAGCTTGGCAGCGACTGAAAGGCCTGGCTCTTCAAAGGCAGGGGAAGCTCTTTGGTGCTGCCGAGGT TCAGCGCTTTAACAGGGATGTAGATGAGACCATTGGTTGGATTAAGGAGAAAGAGCAGTTAATGGCCTCT GATGACTTTGGCAGAGACTTAGCAAGTGTTCAAGCTCTGCTTCGGAAGCATGAGGGTCTGGAGAGAGATC TTGCTGCTCTAGAGGACAAGGTGAAAGCCCTGTGTGCCGAGGCTGACCGCCTGCAACAGTCACACCCTCT GAGTGCCAACCAGATCCAGGTGAAGCGAGAGGAACTAATTACCAACTGGGAGCAGATCCGAACTCTGGCC GCAGAGAGACATGCACGGCTTGATGACTCATACAGGCTTCAGCGCTTTCTTGCTGACTTCCGTGACCTCA CGAGCTGGGTGACTGAAATGAAAGCCCTCATCAATGCAGATGAACTGGCCAATGACGTGGCTGGTGCTGA GGCCCTGCTGGACAGGCATCAAGAGCACAAGGGTGAAATCGATGCTCATGAAGATAGCTTTAAGTCTGCA GATGAGTCTGGGCAGGCCCTACTCGCTGCTGGTCACTATGCCTCAGATGAAGTGAGGGAGAAGCTGAGCA TCCTCTCTGAGGAGAGAGCTGCCCTGCTGGAGCTGTGGGAGCTTCGGAGGCAGCAGTATGAGCAGTGCAT GGACTTGCAGCTCTTCTACCGAGACACTGAGCAGGTGGACAACTGGATGAGCAAACAGGAGGCATTCCTG CTAAATGAAGATTTGGGTGACTCCTTAGACAGTGTGGAAGCTCTTTTGAAGAAGCATGAGGACTTTGAGA

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AGCGGACCGACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
TGGATTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-RsrII

ACCN: NM_171983

Insert Size: 7419 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_171983.2, NP_741984.2
RefSeq Size:	7866 bp
RefSeq ORF:	7419 bp
Locus ID:	64159
UniProt ID:	P16086
Cytogenetics:	3p12
Gene Summary:	a filamentous protein that plays an important role in membrane organization [RGD, Feb 2006]