

Product datasheet for **RN205826**

Spz1 (NM_001024297) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Spz1 (NM_001024297) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Spz1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN205826 representing NM_001024297 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGCAGACAGTGACAGCTCATCTGAGATGCCTGCCATTCTCCATCTCCTAGCCCTATTCCTTGCTGCTA
AGCAAAACCACCGAATACTGGGATCACCATTTCCTCCTTGAATCGGATCACTCCCACTTTCTGCTG
CAGCTCCTTCTCAGAACCAATAATAATATGTGTCCAATAAGAAAACAAGGAAGGTACAGAAATTTAGC
AATCTCTTAAAGACGTTAAAGATGTTCTTAAAAACATAGCAGGCTTTGAAGAGAAGACTACAGATGGGG
ATCCTTTTGATGATACCTATATTCCTGAAGACCTGTCAGAACTTAACATCAGAGGTTTTGATAAGAGAAA
TAACTTCGATTTAAAGATGATCTATTCATTTCATTTCGACCCAGAGAGAGAAAACACAATGAGGCAGGAG
ATGTTATTCAAAAGCCATAGTGCTAAGAACATGGTACAAAAGTTTGCAAGGGACCTGTGCAATTCAGAAG
AAAAGAGAGGCTGTGACGGCGTGACGCTGAACGCGAAAAGACGTCGGACTGGGTCACTTCACATTCGTGG
AGAGTACAGAAACTCAGGAACAATATGGAGCAGTTACTGCAGGAAGCAGACCACTGGAGTAAACAGCAC
AATGAACCTCAGCGAACTCATGAGATCATATCAGGAATGCCATAAAGAAATCAAAGACATTGTTGACTGCA
GTCGAGTCTGTTGCAAAACCCAAAACAACAGAGGTACCCTCCAAGCAGAACTGGAGGAGCAGGTGAA
GAACTGAGCCAAGACACCACTCGCTGCATTTGATCGCAGCCCTGCTGGAGAACGAATGTCAGATCTTA
CAACAGAGGGTGGATATCCTCAGGGAATTACATCTCCACGAAGCAGGACCCGGGCACGAGAAGCCTTTGC
AAACGTCTGGTGAGCAGGACAAGAAGTGTGGTGAGCAGGACAAGAAATGTGGCGAGCAGGACAAGAAATG
TGGCGAGCAGGACAAGAAATGTCCGAAGTTAGCGGAAGCAGAAAAGATGGACGGTTCGAAGCATACTATG
AAGACAACGGAAGGCACGATTACTAGGAAACCAAGATCTTCAGGTGCCCTAATGATTGCCTTACTAAGA
AGGCTCGAAATAACCGCTTCAACGCCCGCTTGCAAGAAATCTCTTGTTGGGAAAGGAGAACCATTAG
CAGCTTTAGG**AG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTAA

Restriction Sites: SgfI-MluI



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ACCN:	NM_001024297
Insert Size:	1203 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:	<u>NM_001024297.1</u> , <u>NP_001019468.1</u>
RefSeq Size:	1622 bp
RefSeq ORF:	1203 bp
Locus ID:	499510
UniProt ID:	<u>Q6AXY9</u>
Cytogenetics:	2q12
Gene Summary:	Transcription factor that binds to the DNA sequence 5'-CANNTG-3'(E box) and the G-box motif. May play an important role in the regulation of cell proliferation and differentiation during spermatogenesis (By similarity).[UniProtKB/Swiss-Prot Function]