

## Product datasheet for RN210562

### Spo11 (NM\_001108964) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Spo11 (NM_001108964) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Spo11
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN210562 representing NM_001108964 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCCCGGATCGCC

ATGACGTTCGAAGATGCTTTTGGCCTTCAGATGAGACCTCAGTGTACCACAAGAAAAATCAAAGCGATT  
CACTAAGATCAGTTAGAAAAATTTGCTCTAATTCTGAAAAATTTGCCATGATTTATAAATTAACAGAG  
CAACACTTACGCAACCAAGAGTCCGGGAGCACGTGCTCATTGAGTGTGACCTTACATTTGCACAGAGAC  
ATATACTACACTGAGAGCCAGCTCTTCAGGAACCAAGGCTGCAGTGGACAGCATTATAGATGACATTTCT  
GTATGCTGAAAGTGCCAGGAGGAGTCTGCATGTGATATCTACATCGAAGGGATTGATTGCTGGCAACT  
GAGATACGTGGAGGAAGATGGTACCCAAGTCCAGTGCATGTGTAGTCCACGGCTACTGTGTCATCT  
AACATTCAAGGGATGCAGAATCTGGTACAGATGCGAAGTTTCTGCTAATCGTAGAGAAGGATGCAACAT  
TTCAGCGGCTCCTGGACGACAATCTGCAGCAGGATGTCCCGTGCATCATGGTTACGGGAAAGGGTAC  
TCCAGATCTGAACACGAGGCTCTTGGTAAAGAAGCTGTGGGACACCTTTCATATTCCTGTCTTCACACTG  
GTAGATGCTGACCCCTACGGCATCGAGATAATGTGCATCTATAAGTACGGATCCATGTCCATGTCTTTT  
AAGCCCAATCTCACTGTCCCAACAATCAGATGGCTTGGTCTCCTCCCTCTGATATTAAGGTTAAA  
TATACCTAAGGATAGTTTGATCCCACTGACAAGGCGTGACCAGATGAAGCTGGACAGTATCTGAGGAGG  
CCTTACATTACCTATCACCCCTTCTGGAAAAAGAGATGGAGATGCTGGCCGACTCTAAGACGAAGCGG  
AGATCCAAGCCTTGAGCTTCTGTCTGCTCAGACTATCTGTCCAGAGTGTACTTGCCCAACAAGCTGAGGT  
TGGAGGGTGGATGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_001108964
Insert Size:	996 bp



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<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_001108964.1</a></u> , <u><a href="#">NP_001102434.1</a></u>
<b>RefSeq Size:</b>	1571 bp
<b>RefSeq ORF:</b>	996 bp
<b>Locus ID:</b>	366261
<b>Cytogenetics:</b>	3q42