

## Product datasheet for RN212578

### Spesp1 (NM\_001077682) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Spesp1 (NM_001077682) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Spesp1
Synonyms:	RGD1563468
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN212578 representing NM_001077682 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGAAGCCCGTGGTCTAGTTGCGCTCCTGTGGCTATGGCCTTCGTCTTTCTGGCGTATCCAACCGCCA  
CTGTGTTGCCTGATGAAGAGCAGAACTTGAATCATTATGTACAAATTTTACAGAACCTCATAATGAGTGT  
TCCCACCAAGGAGCAGGGCTTTGGGAGAAAGTTTAGGTCTTCAAGAACTGTGGATGGTGCAGAGGGCAGG  
TCATTGTCATCTGAGATGTTACTCACCCCTGGGTTAGTCTCCGCTCAAGAACTCACCCCTGAGACCG  
AAGTTATGCTGAGTCCATGGTGGAAAAGACAACCTTCCCTAGTAGCGGCTTACGATGGAGTCAGAGAA  
GAGAAGAACCATAGTAAAGCATTCTGGTCCATCCAGCCAACAATGTTTCTATTGTTTTACACACGGAA  
GAACCTTATATTGAAAAAGAGCCGGAACCGGAACCGAACCAGAACTGGAAACAGAAGAGGAGTCGAGGCGGCTGG  
CAACTGAGCCTGAGCCGGAGCCAGAGTCTGAGTCGGCGCCGGAGACTGAAACCCGGCAAACGGCAGAGTC  
CGAGGAAGAGGTAGAGACCAGCACAGCACAATAAGGTGCGAACGGGGACTTCACGGATGTCAACCGTG  
ATCACCCAGACAATAACACCCAGGGAACACCTAACACTGTAACAGTAAAGACCTCAACAACCTGGATG  
TCTCCACAGAGTCCGAGGATGTGCCCCAGCTCTCGGGCCAGTCGAAATCCTGAATGTTGAAGACTTACC  
TGGACATCACTCACTGAGTACAAGACATGAGAATATTTGAGAAAAATTTCCAATATTAATTCACAGATT  
CATCAGGGCTTCTTAGTGACCACAGCAGTCCCAGTACAAGGAGTTCATCAAGGCTCCAGGGAGCATC  
TGAACCGAGCCTGGCCTTGGCCGAGCCGCTGAGCACAAAGTTGCAACAGATGTACGGATCTAACGCTCTT  
CCTAGACGGACACACCAGCGACCCAGACGATGACATGGAAGTGATTATCAATATGCTATACAATTCAGA  
TCCAAGTTGTCGGATTATTTCACTATTAACCATGTGCCATCAGAGCTGAGAGAAAAGGCTACCGTTGTGA  
TTGCTGTGTTGAAAAAATATTATGTGTAGATCAGGTAGAAATGCAGAGCCTCATTAGGAAGCTGTTAAG  
CAATAATATGAAAATCCTCAATATTCTTAATGTCCCA**TGA**

**ACGGT**ACGGCGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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<b>Restriction Sites:</b>	Sgfl-Mlul
<b>ACCN:</b>	NM_001077682
<b>Insert Size:</b>	1230 bp
<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_001077682.1</a></u> , <u><a href="#">NP_001071150.1</a></u>
<b>RefSeq Size:</b>	1587 bp
<b>RefSeq ORF:</b>	1230 bp
<b>Locus ID:</b>	501010
<b>UniProt ID:</b>	<u><a href="#">A0JPP4</a></u>
<b>Cytogenetics:</b>	8q24
<b>Gene Summary:</b>	Involved in fertilization ability of sperm.[UniProtKB/Swiss-Prot Function]