

## Product datasheet for **RN202909**

### Spert (NM\_001017506) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Spert (NM_001017506) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Spert
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >RN202909 representing NM\_001017506  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGTCACCTCTGGAATGTTCTGAGTGTTTTGGTGACCAGCTTATGCACAGGACCTATACCTGGCACCTCA  
 CGTTGCACTCGAGGCCAAATTTTACGAGAAAGAGAGAGATCAGATCTGAGAGCCTAGAAATTCCAATCAA  
 TGTGATTCTACCTCAGAGGGGCACGGAGCCCTTCTGAGGCTCCACAACCTATACACCACTCCTCGTGC  
 TCCAGGCAGGCTGCCATGCCCGGATAAGCCGAGGGTAGCCAGCCAGCACTCCTACCCACTCAACCGCT  
 TCTCCTCTATGCCCTTTGACCCATGGAGCGCCACCTCCAGGCCGACCTGGAAGTACTACAACCC  
 TCCCGAGTGCAGCTTAGCGACGAGATGTTTGTCTTCCAAGATGGGCGTTGGGTGAACGAGAGCTGCCGC  
 CTGCAGTCACCTTACTTCTCCTCCTCCTCCACCATAAACTGCACCACAAGAGGATGGCCAAGG  
 AGTACCTGCTGCAGGAAGAGAACAAGTCTCTTCGGGATGAGAACAGGGCTCTGAGGGATGAGAACAAGGC  
 CCTCCGAAGGAGAACAAGATTCTACAGGTCTTTTGGGAAGAGACAAGTCACTTTGGGCCACGAGGAG  
 AGTCAGACCTCCTCGCCACTGCTGCACAAAGACACAACCTCCAGGAAGTGTGAAGAAAGACAACGCCA  
 CTTTGCCCTGCCAGCGTAGCAAGGAGAACCCTACAGTTCATTGAGAGGAGAACCAGGCCCTCCAGCA  
 GTTGCTGGAGCAGAGGCAGGCCACTACTGGGCACAGGCAGAGAGAGTGCAGTCTGCTGAGGAGGGCAAG  
 CCCACCTCCTCACCAAGGAGGAACCCATAATTCAGGGCTTCTGCCAGATCAGAGCACAAGCCACTCCT  
 CCCACTTTGAGGAGCCAAAGCGTCCCTACAACACAGGAGGACTCGAAGACGCTGCGGCCCTGAGGGA  
 GATGGTTACCAACTTGTCCGGCCATCTGGGGAAGAAGAGGGCAAGGCAGGCCCTAATCTAACTGACAGC  
 GCTCAGCCCCTGCAGTCTGAGAGAGATGAATCAGGCACTGCAGGCCCTGAGGGAGGAGAACCAGGCTGC  
 TGCAGGAGGAGAACAAGGCTCTCCAGCCATGCGTGAGGAGCATCGCGTCTTCCAGGAGGAGAACAAGGC  
 CCTGTGGGAGAACAACAAGCTGAAGCTGCAGCAGCGGCTGGTCATCGACACGGTGACTGAGGTACAGCT  
 CGTATGGAGATGCTTATTGAGGAGTTGTATGCCTTCATGCCGCCAAGAACAACAAGATCCCAAAAAGC  
 CCAGCAGGGTCTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_001017506

**Insert Size:** 1344 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\\_001017506.1](#), [NP\\_001017506.1](#)

RefSeq Size: 1597 bp  
RefSeq ORF: 1344 bp  
Locus ID: 498572  
UniProt ID: Q6AXV6  
Cytogenetics: 15q11