

## Product datasheet for **RN204558**

### **Papss1 (NM\_001106471) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Papss1 (NM_001106471) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Papss1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN204558 representing NM\_001106471  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGAGATTCTGGGAGTCTGTGCAAGAAAGTCAAGCTGAGCAATAACGCACAGAAGCTGGGGATGCAGA  
 GAGCAACCAACGTCACCTATCAAGCACACCATGTGACGCCGAATAAGAGAGGTCAGGTGGTGGGACCAG  
 AGGTGGCTTCCGTGGTTGCACAGTTTGGCTGACAGGATTGCTGGAGCAGGGAAGACGACCGTGAGCATG  
 GCTCTGGAGGAGTACCTGGTTTCCATGGCATTCCGTGCTACACTTTGGATGGCGACAACATCCGTC AAG  
 GCCTCAATAAGAACCCTGGCTTCAGTCTGAGGACAGAGAGGAGAATGTTCCGCCATAGCAGAGGTGGC  
 AAAGCTGTTCCGACAGCGCTGGCCTCGTGTGCATCACAAGTTCATATCGCCCTACACGCAGGTAAGGCAA  
 GGCTTCACTGGGATCGACTCTGAGTATGAGAAACCAGAGGCCCGGAAGTGGTGTGAAAACGGATTCTT  
 GTGATGTCAACGACTGTGTCCAGCAGGTCGTGGAGCTTCTGCAGGAACGGGACATTGTCCCTGTGGATGC  
 CTCCTATGAGGTGAAAGAGCTGTATGTGCCGGAGAACAACCTTCACTTGGCCAAAAGTATGCAGAAAGCC  
 TTACCAGCACTGAAAATCAACAAAGTGGACATGCAGTGGGTGCAGTTCTGGCAGAAAGGCTGGGCGACTC  
 CTCTGAACGGCTTCATGAGGGAGAGGGAATACTTGCAGTGCCTTCATTTTACTGTCTTCTGGATGGAGG  
 CGTCATCAACTTATCCGTGCCTATAGTCTGACAGCTACGCAGGAGGACAAGGAGAGGCTGGACGGCTGC  
 ACAGCGTTCGCTCTGGTGTATGAGGGCCCGCTGTGGCCATCCTCCGGAATCCGGAATTTTTTGGAGCACC  
 GGAAAGAGGAGCGTTGCCGCCGACAGTGGGGAACAACGTGCAGGAGCCACCCCTACATCAAGATGATTCT  
 GGAACAAGGGGATTGGCTGATTGGAGGAGATCTCAAGTCTGGACCGGATTTACTGGAACGATGGCCTT  
 GATCAGTACCGTCTTACCCCTGCCGAGCTCAAGCAGAAGTTTAAAGATATGAATGCTGATGCTGTCTTTG  
 GTTTTAGTTGGCAACCCAGTGCACAATGGACACGCTCTGCTAATGCAGGACACCCACAAGCAGTTCT  
 AGAGAGGGGCTACCGGCGTCCAGTCCCTCCTCCATCCGCTTGGTGGCTGGACGAAGGATGATGATGTC  
 CCTCTGATGTGGCGTATGAAGCAACATGCTGCAGTGTGGAGGAGGCGATCCTGAATCCTGAAACAAGT  
 TGGTGGCCATTTCCCATCTCCTATGATGTATGCTGGGCCGACCGAGGTCAGTGGCACTGCAGGGCTCG  
 GATGGTGGCAGGGGCCAATTTTTATATTGTTGGACGAGACCTGCTGGCATGCCTCATCCGGAGACAGGG  
 AAGGACCTCTATGAGCCAACCCACGGTGCACAAAGTGTGACGATGGCCCCGGCTGATCACCTGGAAA  
 TCGTTCCTTCCGAGTCGCAGCTTACAACAAGAAGAAGAGCGGATGGACTACTATGACTCGGATCACCA  
 CGAAGACTTCAATTTATTTAGGAACCCAGGATGCGCAAAGTGGCACGTGAAGGCCAGAACCCTCCAGAG  
 GGCTTCATGGCCCCAAGCGTGGACTGTGCTGGTGGAGTACTACAAGTCTTAGAGAAAGCC**TAA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_001106471

**Insert Size:** 1746 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\\_001106471.1](#), [NP\\_001099941.1](#)

**RefSeq Size:** 2375 bp

**RefSeq ORF:** 1746 bp

**Locus ID:** 295443

**Cytogenetics:** 2q43