

Product datasheet for **RN212327**

Papss2 (NM_001106375) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Papss2 (NM_001106375) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Papss2
Synonyms:	MGC189455
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN212327 representing NM_001106375
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTCGGAGATCAAGAAGCAGAAGACGGACCAGCAAAAATCCACCAATGTGGTCTACCAGGCCATCATG
 TGAGCAGGAACAAGAGAGGACAGGTGGTTGGAACCAAGAGGATTTCAGAGGATGTACCGTGGCTAAC
 AGGTCTCTCCGGCGCTGAAAAACAACCATAAGCTTCGCTTTGGAGGAGTACCTGTGTCTCATGCCATC
 CCGTGTTACTCCCTGGATGGAGACAATGTCGTCATGGCCTTAACAAGAACCTGGGATTCTCGCCGGG
 ACCGAGAAGAGAATATCCGTCGAATTGCAGAGGTGGCCAAGCTCTTTGCTGATGCTGGCCTAGTGTGCAT
 TACCAGTTTTATTCTCCATTTGCAAAGGATCGTGAGAATGCCCGCAAAAATCCACGAATCAGCAGGACTC
 CCCTTCTTTGAGATCTTTGTAGATGCACCTTTAAATATCTGTGAAAGCCGAGATGAAAAGGACTCTACA
 AACCGCTCGGGCAGGAGAGATTAAGGGTTTACAGGCATCGATTCCAATTATGAGAAACCCGAGACTCC
 AGAGTGTGTGCTGAAGACCAACTTGTCTCAGTGAGCGACTGTGTGCAGCAGGTGGTGGAGCTTCTGCAA
 GAGCAGAGCATTGTTCCCAACACCACCAATCAAAGGCATCCATGAACTCTTTGTGCCGAAAAACAAAATTG
 ATCAAATCCGAGCTGAGTTAGAGACTCTCCCATCACTACCAATTACCAAGCTGGATCTGCAGTGGGTGCA
 GATTCTGAGCGAAGGCTGGGCCACTCCGCTCAAAGGCTTTATGAGGGAAAAGGAGTACTTGCAAACCTCTG
 CACTTCGACACCCCTACTGGACGATGGAGTCATCAACATGAGCATTCCCATCGTACTGCCTGTTTCTGGGG
 ATGACAAGGCACGGCTCGAAGGCTGCAGCAAGTTTGCCTTGATGTACGAAGGCCGGAGGGTAGCTCTCTT
 ACAAGACCCTGAATTCTATGAGCATAGGAAAGAGGAGCGTTGTTCTCGTGTGGGGAACAGCCAGTGCA
 AAACACCCCATATCAAATGGTGATGGAAGTGGGACTGGCTTGTGGTGGAGACCTCAGGTGCTAG
 AGAGAATACGGTGAATGATGGGCTGGACCAGTACCGCCTGACGCCTCTAGAGCTCAAACAGAAGTGTA
 AGACATGGATGCTGATGCCGTGTTTGCCTTCCAGTTACGCAATCCTGTCCACAACGGCCACGCTCTGCTG
 ATGCAAGACACCCGGCGCAGGCTCCTGGAGAGGGCTACAAGCACCCGGTCTCTGCTGCACCCTCTCG
 GGGGCTGGACCAAGGACGATGACGTACCTCTCGACTGGAGGATGAAACAGCATGCGGCTGTGCTGGAGGA
 AGGGATCTGGATCCCAAGTCGACTATTGTGCGCCATCTCCCATCTCTATGTTATACGCTGGGCTTACA
 GAGGTCCAGTGGCACTGCAGGTGCCAATGATTGCAGGGGCCAATTTCTACATCGTGGTGGGATCCTG
 CAGGAATGCCTCACCTGAGACAAGAAAGACCTATACGAACCTACCCATGGTGGTAAGGTCTTGAGCAT
 GGCCCTGGCCTCACCTCTGTGAAATCATTCCATTCCGAGTGGTGCCTACAATAAAATTAAGAAGGCC
 ATGGACTTTTATGATCCGCAAGGCACGATGAGTTTACTTCATCTCAGGAACTCGTATGAGGAAGCTCG
 CCCGGGAAGGAGAAGATCCCCAGATGGCTTCATGGCCCCAAAGCATGGAAGTGTGACAGATTATTA
 CAGGTCTCTGGAGAAGATCAACTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001106375

Insert Size: 1845 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_001106375.2](#), [NP_001099845.2](#)

RefSeq Size: 3514 bp

RefSeq ORF: 1845 bp

Locus ID: 294103

Cytogenetics: 1q52