

Product datasheet for **RN213611**

Psmid12 (NM_001005875) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Psmid12 (NM_001005875) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Psmid12
Synonyms:	MGC94696
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN213611 representing NM_001005875
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCGGACGGCGCTCGGAACGGGCCGATGGCGCATTGTGAAGATGGAGGTGGACTACAGCGCCACAG
 TGGACCAGCGCCTGCCTGAGTGCAGAGAAGCTGGCCAAGGAAGGACGGCTTCAGGAAGTCATCGAAACCCT
 TCTCTCTCTAGAAAAGCAGACCCGGACTGCCTCTGACATGGTGTCCACGTCGCCGATCTTGGTTGCAGTA
 GTGAAAATGTGCTATGAGGCCAAAGAGTGGGACTTACTTAATGAAAATATTATGCTTCTGTCAAACGAA
 GGAGTCAGTTAAAACAAGCAGTTGCAAAAATGGTCCAGCAGTGTACTTATGTGGAGGAGATCACAGA
 CCTGCCAGTCAAGCTGCGGTTGATTGATACCCTGCGTATGGTTACAGAAGGAAAGATTTATGTTGAAATT
 GAGCGTGCCAGGCTGACTAAACCTTAGCAACTATAAAAGAGCAAAATGGCGACGTGAAGGAGGCCGCT
 CCATCCTGCAGGAGTTACAGGTGGAACCTATGGGTCTATGGAGAAGAAGGAGCGAGTGGAGTTTATTCT
 GGAGCAGATGAGGCTCTGCCTAGCCGTGAAGGATTACATTCGCACACAGATCATCAGCAAAAAATTAAC
 ACCAAATTCCTCCAGGAAGAAAACACAGAGAAATTAAGTTGAAGTACTATAACTTAATGATTCAGCTGG
 ATCAGCATGAGGGTCTCTATCTGTCCATCTGTAAGCACTACAGAGCCATCTACGACACTCCCTGCATTCA
 GGCAGAAAGTGACAAGTGGCAGCAGGCTCTGAAGAGTGTGTTCTCTATGTTATCCTGGCTCCTTTTGAC
 AATGAGCAGTCAGATTTGGTTCACCGGATAAGTAGTGACAAGAAGCTGGAAGAGATTCCTCAATAACAAGG
 ATCTGTGAAGCTTTTTACCACAATGGAGCTGATGCGCTGGTCCACACTTGTGAGGACTATGGGGTGG
 GCTACGGAAGGGCTCCTCGGAGACCCAGCAACTGACGTCTTCAGTTCTACAGAAGAAGGTGAAAAACGG
 TGGAAAGACTTGAAGAACAGAGTCGTGGAGCATAACATCAGAATTATGGCCAAGTACTACACTCGGATAA
 CCATGAAAAGGATGGCACAACCTTCTGGATCTCTGTAGATGAGTCAGAGGCCTTCTCTCGAATCTAGT
 CGTTAACCAAGACCATCTTTGCTAAAGTGGACAGGTTGGCTGGGGTCATCAACTCCAGAGACCCAAGGAT
 CCAATAACTTATTAAATGACTGGTCTCAGAACTGAATTCAGTATGTCTCTGGTGAACAAAACGACAC
 ACCTCATAGCCAAAGAGGAGATGATACATAATCTACAGTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001005875

Insert Size: 1371 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_001005875.1](#), [NP_001005875.1](#)
RefSeq Size: 1512 bp
RefSeq ORF: 1371 bp
Locus ID: 287772
Cytogenetics: 10q32.1