

Product datasheet for **RN206297**

Psmid14 (NM_001025689) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Psmid14 (NM_001025689) Rat Untagged Clone
Tag: Tag Free
Symbol: Psmid14
Synonyms: MGC114474
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN206297 representing NM_001025689
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGACAGACTTCTTAGACTTGGAGGAGGTATGCCTGGACTGGGCCAGGGTCCACCTACAGATGCCCTG
CCGTAGACACAGCAGAACAAGTTTACATCTCCTCCTTGGCGTTGCTAAAGATGTTAAAACATGGCCGTGC
TGGGGTTCCTATGGAAGTTATGGGTCTAATGCTTGGCGAATTTGTTGATGATTACACCGTCAGAGTGATT
GATGTGTTTGCTATGCCACAATCAGGAAGTGGTGTGAGTGTAGAAGCAGTTGATCCAGTGTTCGAAGCCA
AAATGTTGGATATGCTGAAACAAACAGGAAGGCCCGAGATGGTTGTTGGTTGGTATCACAGTCACCTGG
CTTTGGCTGTTGGCTTTCTGGTGTGGACATCAACACTCAGCAGAGCTTTGAAGCCTTGTCCGAGAGAGCT
GTGGCAGTGGTTGTGGATCCCATTCAGAGTGTGAAAGGAAAGGTTGTTATTGATGCCTTCAGACTGATCA
ATGCTAATATGATGGTCTTAGGACATGAACCGAGACAAACGACTTCCAATCTGGGCCACTTAAACAAGCC
ATCTATCCAGGCATTAATTCACGGATTAACAGACATTACTACTCCATCACTATTAATTATCGGAAAAAT
GAACTGGAACAGAAGATGCTGTTAAATTTGCATAAGAAGAGTTGGATGGAAGGATTGACACTTCAGGACT
ACAGTGAACATTGTAACACAATGAATCGGTGGTAAAAGAGATGTTGGAATTAGCCAAGAATTATAATAA
GGCTGTAGAAGAGGAAGATAAGATGACGCCTGAACAGCTGGCAATAAAGAATGTGGCAAGCAGGATCCC
AAACGTCATTTGGAAGAGCATGTGGATGTGCTTATGACTTCAAATATTGTCCAGTGTGGCAGCAATGT
TGGATACCGTTGTATTTAAAT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001025689
Insert Size: 933 bp



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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:	<ol style="list-style-type: none">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:	<u>NM_001025689.1</u> , <u>NP_001020860.1</u>
RefSeq Size:	1535 bp
RefSeq ORF:	933 bp
Locus ID:	311078
Cytogenetics:	3q21