

Product datasheet for **RN205943**

Prl8a2 (NM_022846) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Prl8a2 (NM_022846) Rat Untagged Clone
Tag: Tag Free
Symbol: Prl8a2
Synonyms: d/tPRP; Dprp; Dtprp; Ghd12
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF: >RN205943 representing NM_022846

Red=Cloning site Blue=ORF Orange=Stop codon

TTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGC**C

ATGCTGCCATTGAGTCAACCTCGTTTTTGGGCACTCTTGATGCTGGTGATATCAAACCTGCTTCTGTGGG
AGAAAAGTGCATCAGTTCCTGCTGTGCACCTGGAAGAAGGGGTTGCTGGGATCCCCTTGTAACACATT
TAACAGTGCCATCCAGCGAGCTGAAGTCATCCAGAATCTTGCTGAGCAAATACATGAAGAGTTTACCAC
AATCCATTCTCATCTGCACAATTTGTAACTGTTGCACGCATGTATAGGCATGATCAGGCTGTTTACA
GAGCCAGATATCACTGCCCTTCTAACAGCACAAACCCACCACTTCATGGACCTGAACATGAAACATCAA
AACTAAAAAGTATTTAAATGATGATCAATTTTGTGGGTTCTGGATCAGCCCTTTATTCCATCTAGTG
CTTGAACTGAGAGGCATGCAAAATGTTCTGAAGTCATCTCTCAAAAGCTAAGGATATAGAAGAAAACA
ACAGAGAAATTCTGGAGGACCTTAGGTGGATACTACCAAGGTCTATCCTACAGCAAAGATGAAGGAAAA
AATTATCAGCTGGGACTATCTTTCATCCATAAAATCAAATGAAAAAGTGAAAAATTTTGGCAATTTT
AACATTTCTCACTGCCTACGTGTTGATATATTCTACACTAAATTTCTCTGAGAGCATTGATGTGTCGCA
TAACAGGGAAGAATGCT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_022846
Insert Size: 720 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:	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_022846.2</u> , <u>NP_074037.1</u>
RefSeq Size:	881 bp
RefSeq ORF:	720 bp
Locus ID:	24315
Cytogenetics:	17p12
Gene Summary:	member of the prolactin growth hormone family which stimulates the corpus luteum and may function during pregnancy [RGD, Feb 2006]