

## Product datasheet for **RN205716**

### Prf1 (NM\_017330) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Prf1 (NM_017330) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Prf1
Synonyms:	Cyta; RATCYTA
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN205716 representing NM\_017330  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGCCGCGTACCTGTTCTCTCTGGGCCTTTCTGCTGCTGCCACGACCTGTCCCTGCTCCCTGCTACA  
 CTGCCACTCGGTGAGAATGCAAGCAGAAGCACAAATTCGTGCCTGGTGTGTGGCGGCTGGGAAGGTGT  
 GGATGTGACCACCTCCGCCGCTCCAGCTCCTCCAGTGAACACAGGAAGTTCCTGAGGCCTGACCGC  
 ACCTGCACCTCTGAAAAACGCCCTGATGAATGACGCTATACAGCGCCTACCCGTGGCAATCGCCCACT  
 GGCGGCTCACGGCTCACACTGCCAGCGTAATGTGGCCACAACCAAGGTCAGCTCCACGGAGGGTGTGGC  
 GCGGGAGGCGGCTGCTAATATCAATAACGACTGGCGTGCAGGGCTGGATGTGAACCTAAACCGGAAGCA  
 AACGTGCATGTGTCGGTGGCTCCATTCCAAGATAGCCAATTTTCAGCCGAGAAGGCCCATCAGG  
 ACCAATAACAATTAATACTGACACAGTGGAGTGTGCATGTACAGTTTTCGCCTGGCACAAAAGCCTCC  
 ACTCCACCCTGACTTCAGAAAGGCACTCAAGAACCTTCCCACAACCTTAAACAGTCCACAGAGCATGCT  
 TACCGTAGACTCATCTTCTATGGGACTCATTTTATTACGGCTGTGGACCTAGGTGGCCGCGTCTCGG  
 TCCTCACGGCTCTGCGTACCTGTGAGCTGACCCTGGATGGGCTCACAGCTGATGAGGTAGGAGACTGCTT  
 GAGCGTGAAGCCAGGTGAGCATCGGTGCCAAGCCAGTGTCTCAAGCGAATACAAAGCTTGCAGGAG  
 AAGAAGAAACAACAAAAATCGCCACCTTTCCACCAGACCTACCGTGAGCGTCATGTCGAAGTGTCTG  
 GTGGCCCCCTTGACTCCTCGAATGACCTGCTCTTCGGGAACCAAGCTACCCCTGAGCACTTCTCTACCTG  
 GATAGCCTCATGGCCACCAGGCCTGATGTGGTGGACTACAGCCTGGAGCCCCTGCACATACTACTGGAA  
 GACTCGGACCCGAAGCGAGAGGCACTGAGACAGGCTATCAGCCATTATGTGATGAGCAGGGCTCGTGGC  
 GAGACTGTAACCGGCCCTGCAGGGCAGGCCAGCATAAGAGTAGTCGTGATTTCATGCCAGTGTGTGCCA  
 GGATTCGAAGGTCACCAACCAGGACTGCTGCCACGCCAGAGGGCTTGGCCAAGTTGATGGTAAGGAAT  
 TTCCAGGCCAAGGCTGTGGGGGGACTACATCACATCTACGGATGCTTATCTGAAGTCTTCTTTGGTG  
 GCCAGGAGATCAGGACCGGTGTAGTGTGGAACAATAACCATCCCTCGTGGAGTGACAAGATGGACTTTGG  
 GAATGTGCTCCTGTCCACAGGGGACCCCTCAGGGTGCAGGTCTGGGATGCTGACAATGGCTGGGATGAT  
 GACCTTCTTGGTACTTGTGACAAGTCTCCCAAGTCTGGTTCCATGAGGTGAATTGTCCCCTGAACCAGC  
 GCAGTATAAAATTCATCTACCAGCCAATTGCTTGCCCCATCTCACTGGAGAGACCTGCCTGGAGTATGC  
 CCCCCAGGGCTTCTAGGAGATCCACCAGGAAACCGCAGTGGGGCTGTGTGGTAA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-Mlul

**ACCN:** NM\_017330

**Insert Size:** 1665 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\\_017330.2](#), [NP\\_059026.2](#)

**RefSeq Size:** 1964 bp

**RefSeq ORF:** 1665 bp

**Locus ID:** 50669

**Cytogenetics:** 20q11

**Gene Summary:** cytolytic factor present in cytoplasmic granules [RGD, Feb 2006]