

## Product datasheet for **RN204989**

### **Zfp282 (NM\_001106592) Rat Untagged Clone**

#### **Product data:**

|                           |                                          |
|---------------------------|------------------------------------------|
| Product Type:             | Expression Plasmids                      |
| Product Name:             | Zfp282 (NM_001106592) Rat Untagged Clone |
| Tag:                      | Tag Free                                 |
| Symbol:                   | Zfp282                                   |
| Synonyms:                 | Znf282                                   |
| Mammalian Cell Selection: | Neomycin                                 |
| Vector:                   | pCMV6-Entry (PS100001)                   |
| E. coli Selection:        | Kanamycin (25 ug/mL)                     |



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**Fully Sequenced ORF:** >RN204989 representing NM\_001106592  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGC**

ATGCACTTTGTGTCAACACGGCCGAGCCTCAGCAGCTGGGCATCCAGGGTCTGGGGCTGGACAGCGGGA  
 GCTGGAGCTGGGCCCAGGCTCTGCCCCGAGGAGGTCTGCCATCAGGAGCCAGCGCTGCCGCGGAAAT  
 GGCCGAGGGAATGCCGCCATGCAGGCTCAAGAATGGGACATGGATGCCAGGAGACCAATGCCTTTTCAG  
 TTCCCGCCCTTTCCAGATAGGGCCCTGTCTTTCCAGACCGCATGATGCGTGAGCCCCAGTTGCCACAG  
 CAGAGATCTCGCTCTGGACCGTAGTGGCTGCCATTAGGCTGTAGAGAGGAAGGTGGATGCCAGGCTAG  
 CCAGCTGCTGAATTGGAGGGACGCACAGGCACAGCCGAGAAGAAGCTGGCTGACTGTGAGAAGACAGCT  
 GTGGAGTTTGGTAACCACATGGAGAGCAAATGGCCGTGCTGGGACCCTGCTGCAGGAGTACGGGCTGC  
 TCCAACGTCGGCTGGAGAACCTGGAGAACCTGCTTCAAACAGGAACCTTCTGGGTCTGCGGCTGCCCC  
 TGGCAGCAAGGGGAGGCCCCCAAGGTCCAGTGACCTTCGTCGACATTGCTGTTTACTTCTCTGAGGAC  
 GAATGGAAGAATTGGACGAATGGCAGAAGGAGCTCTACAGCAATCTGGTGAAGGAGAATACAAAACCC  
 TGATGTCCCTGGACACGGATGGCCCAAGTGTCCAAGCCAGATGCTCCAGTGCAGGCAGAACCAGGGAAGA  
 GCCTTGTGTGTGGGAGCAGCATCACCTGAAGAGAGAGATCCCAGGACTGCAGACACAGGAACAGAG  
 CCTCTGGTGCCTGCACAGGACATGTCTCCAGGTGAAGCGAGAAGAAGCCATGTGTGTTCCGAGCCAGC  
 GGAGCCTGGAAGAAAGAGCCATCCCCACAGAATCCATCACTGACTCCCCATCTCTGCCAGGACCTTTT  
 GTCCCGGATTAAAGCAGGAGGAGCAGCAGTGTGTATGGGATCAGCAGGATTTGGCAGAGAGAGATATCCC  
 ACAGACCCTAATTCAGAACTCTCTCATCTCAGCACATGACATTTTGTCTGGATCAAGCAGGAAGAGCAGC  
 CGTACCCATGGGCCCACGTGACTCAATGGAAGGAGAGCTTGGACTAGACTCTGGGCCAGTGACAGCCT  
 ACTGCTTGTAAAGAACCACCTCCAGCTTCTGCGCAGCCCCAAACCCAACCTCACCAGCAGAGCCTGCCC  
 GCCTTGGCCGTGCCGGAACCTGGAGGACCCGGGAGCCGTAGCCTCCTGGAGGACGGCTTCCCTGCGC  
 TTCCAGGCGAGCGAGTACCGGAGGCGAGCCTCAGCCCGTGGAGAAGGCAGTGCAGGCGGTGGCGGTGG  
 TGGCGGCAGCGCGGTGGCGGCGCACTGGTGCAGTAGTAGACAAGTGCCGCTGCGGGTGCAGGCAGT  
 GGCTGCGGCAGCTGTGCCCGGGCGGCTCCGGCGGAGCCTCTGGCACACGGCGCGCAGCAAGCCCT  
 ACTCTTGCTGGAATGCGGAAGACCTTCGGAGTGCAGAAAGAGCCTCATCATTACCACCGCAGCCACAC  
 CAAGGAACGGCCCTACGAGTGCAGGGAATGCGAGAAGAGCTTCAACTGCCACTCTGGCCTCATCCGCCAC  
 CAGATGACGCACCGCGGTGAGCGGCCCTACAAATGCTCGAGTGCAGAGAAGACCTACAGCCGAAGGAGC  
 ATCTGCAGAACCCAGCGGCTACACACGGGCGAGCGGCCCTTCCAGTGCAGCGCTCTGTGGCAAGAGTTT  
 CATCCGCAAGCAGAACCTGCTAAAGCACCAGCGGATCCACACGGGCGAGCGGCCCTACACGTGTGGCGAG  
 TGCGGCAAGAGCTTCCGCTACAAGGAGTCACTCAAGGACCACCTGCGTGTGCACAATGGCCCGGTCTAG  
 GGGCCCCGCGGCCGTCCAGGTGCCGCCAGAGCGAGAC**TAG**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_001106592

**Insert Size:** 2001 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\_001106592.1, NP\_001100062.1

**RefSeq Size:** 4839 bp

**RefSeq ORF:** 2001 bp

**Locus ID:** 297065

**Cytogenetics:** 4q24