

## Product datasheet for **RN202201**

### **Zfp653 (NM\_001106807) Rat Untagged Clone**

#### **Product data:**

|                           |                                          |
|---------------------------|------------------------------------------|
| Product Type:             | Expression Plasmids                      |
| Product Name:             | Zfp653 (NM_001106807) Rat Untagged Clone |
| Tag:                      | Tag Free                                 |
| Symbol:                   | Zfp653                                   |
| Synonyms:                 | RGD1308754                               |
| Mammalian Cell Selection: | Neomycin                                 |
| Vector:                   | pCMV6-Entry (PS100001)                   |
| E. coli Selection:        | Kanamycin (25 ug/mL)                     |



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**Fully Sequenced ORF:** >RN202201 representing NM\_001106807  
 Red=Cloning site Blue=ORF Orange=Stop codon

CTATAGGGCGGCCGGAATTCTGTCGACTGGATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCCGCGCGC  
 GCCC

ATGGCGGAGCGGGCTCCAGAGCCCGGGCGGAGGCGGAGCGGGCGCAGGCGGGAGGCGGCTGCAGAGG  
 AAGGCGCGGCAGGCAGAAAGGCGCGGGCGGCCGCGACTCACCGAGTCGGACCGGGCCCGAGGCGGCT  
 CGAGTCCCGGAAGAAGTACGACGTGCGGCGGTGTACCTGGGAGAGGCGCACGGCCCTGGGTGGACTTG  
 AGACGCCGTAGCGGCTGGAGCGACGCCAACTCGCCGCTTACCTCATTTCTGCTGGAGCGTGGCCAGCGTA  
 GCGGCCGCCACGGGAAGCCGTGGGAGCAAGTCCCCAAAAGCCAAAGCGGAAGAAAGGCGGCGCGCAA  
 CGTGAAGTGTCTGAAGACGTGGTGATCTGGTATGAGGACCACAAGCACCCTGCCCTATGAGCCTCAC  
 CTGGCAGAGCTTGACCTACCTTCGGCCTTTACACCACGGCCGTGTGGCAGTGCGAAGCTGGACATCGCT  
 ACTTCAGGACCTACACTCCCCACTCAAGCCCTCAGTACTCAGAGCCTGACAGTGACAAAGTGGGCAA  
 TGGCCTGGCGGCTGGCAGCTCTGACTCATCCAGCTCCAGTTCAGCTCTGACTCGGAGGAGCCTCCCGAG  
 ACCCAGCCAGCCAAAGCCCCAGCTGCTGCTGCAGCTGTACCCCCCTCAGCCCCACAGGCAGCAGTGGGC  
 TTATCACTCAGGAAGGAGTTCATATCCCCCTTTGACGTCCACCACGTGGAGAGCCTGGCTGAGCAGGGCAC  
 CCCTCTGTGCCAAAACCTGCAGGCAGTGGGCCTGAGGCCCTGGAGACGGTGGTGTGTGTGCCAGTTCCC  
 ATGCAAGTGGGCACTGGCCCCGGCACCTCTTTGAGAATGCCCCAGGAGGCCCTGGGTGAGGTAGTGG  
 CCAGCTGCCCAGTGTGAGCATGGTGCCTGGCTCCCAGGTGATCATATTGCCGGTCTGGCTATGATGC  
 CCTCACAGCTGAGGGCATCCACCTCAATGTAGCTGCTGGCAGTGGCACTCCCAGCAGCAGCCTGGGTGAG  
 GAGGTGTCCTGTGCCATGATGGAGGGTGTGGCAGCATACACAGACGGAGCCCGAGGGCACCCAGCACA  
 GCACCATGGACACCACCTCCATAGCCAGCATTGAGACCAAGAAAGAGAAGGAGGACCTGTATATGCTCAA  
 AGAGGAGAAAGAGGATTAGTGGCCCCCTGAGCTGGCAGAGCTGGCAGCTACAGTGCCTGAGAATACAGAG  
 GCAGAGGCAGAAAGTGGATGGAGAGGAATTGGACAGCAGTGAAATGTACGCCATCATCTACGAGATCCCCA  
 AGGAGCCCCGAGAAGAGACGGCGGAGCAAGCGGTACGAGTGATGGATGCTGATGGCCTGCTGGAGATGTT  
 CCACTGTCCATACGAGGGCTGCAGCCAGGTGATGTGGCTCTCAGCAGCTTCAGAACCACGTCAACCTT  
 GTGCACCGAAAAGGGAAGACCAAGTGTCCCTCACCCCGGCTGTGGCAAGAAAGTTTATTTATCCAACC  
 ACCTGCGACGCCACATGATCATCCATTAGGCGTCCGAGAGTTCACCTGTGAGACCTGCGGCAAGTCTTT  
 CAAGAGAAAGAATCATCTGGAGGTGCACAGGCGCACGCACTGGGAGACGCCCTTGAGTGCGAGATT  
 TCGGGGTACCAGTGTGACAGCGTCTTCGCTCAATTGGCAGATGAAGAAGCACACAGCAGAGGTACAGT  
 ACAACTTCACATGCGATCGCTGCGGGAAGCGCTTCGAGAAGCTGGACAGTGTCAAGTTCACACGCTCAA  
 AAGCCACCCGGATCACAACCTGCCGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** AscI-MluI

**ACCN:** NM\_001106807

**Insert Size:** 1848 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\_001106807.1, NP\_001100277.1

**RefSeq Size:** 2155 bp

**RefSeq ORF:** 1848 bp

**Locus ID:** 300446

**Cytogenetics:** 8q13