

## Product datasheet for **RN214917**

### **Zfp598 (NM\_001105770) Rat Untagged Clone**

#### **Product data:**

|                           |                                          |
|---------------------------|------------------------------------------|
| Product Type:             | Expression Plasmids                      |
| Product Name:             | Zfp598 (NM_001105770) Rat Untagged Clone |
| Tag:                      | Tag Free                                 |
| Symbol:                   | Zfp598                                   |
| Synonyms:                 | Ntrap; Znf598                            |
| Mammalian Cell Selection: | Neomycin                                 |
| Vector:                   | pCMV6-Entry (PS100001)                   |
| E. coli Selection:        | Kanamycin (25 ug/mL)                     |



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**Fully Sequenced ORF:**

&gt;RN214917 representing NM\_001105770

Red=Cloning site Blue=ORF Orange=Stop codon

 TTTTGTAAACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGC**

ATGGCGGCGGCGGCCGAGGGCGGCGCGGCTCTGGAGGCGGTGGCAGCGCGGAGCGAGGCGGCG  
 GGAGCTGCGTGCTGTGCTGCGGTGACCTGGAGGCTACGGCGCTGGGTGCTGCGATCACCGGTGTGCTA  
 CCGGTGCTCTACCAAGATGCGGGTGTGTGCGAGCAGCGCTACTGCGCCGTATGCCGCGAGGAGCTACGC  
 CAGGTGGTCTTTGGGAAGAACTCCCTGCCTTTGCTATGATCCCCATTATCAGCTCCAACATGAGAAGA  
 AATATGACATCTATTTGCGAGATGGAAGGTGTTGCGTTGTACAGGCAGCTGCTACAGCACGAGTGCCC  
 ACGGTGCCCTCACCTGCCACCTTCAGCCTCTTTGGGACTTGGAGCAGCACATGCGGAAGCAGCACGAG  
 CTCTTCTGCTGCAAGTTGTCCTCAAGCACCTCAAGATCTTCACCCATGAGCGCAAGTGGTACTCACGCA  
 AGGACCTGGCTCGACACCGTATGCAGGGTGACCCTGATGACACATCCCATCGGGGACACCCACTCTGTAA  
 GTTCTGTGACGAGCGCTACCTGGACAATGATGAGCTGCTCAAGCACCTGCGTCGCGACCACTACTTCTGC  
 CACTTCTGTGATGCCGATGGGGCCAGGACTACTATAGCGATTATGCGTACCTGCGTGAGCACTTCGGG  
 AGAAGCACTTCCTATGTGAGGAGGGCGTTGCAGCACTGAGCAGTTACCCATGCGTTCGCCACTGAGAT  
 TGACCTCAAGGCTCACAAAACAGCTTGCCACAGCCGAGCCGGGCCGAGGCACGCCAGAACCCTCAGATT  
 GACCTTCAATTTAGCTTTGCACACGGCACTCACGCCGAGTGAGGGAGTCGTAGTGGTGAGGACTACG  
 AGGAGGTGGACAGGTACAACGCCAGGGCCGAGCTGGCCGGGCCAGCGGGCGTGAGGCCACGAGAACC  
 CCGGGGAAGCTGGAGGGAAGAAGAAGACCGAGAAGTAGCAGCCGCTATCAGGGCCTCTGTGGTGCCAG  
 CAACAAGAGGAGACTCAGAGGTCGAGGACCGGGAGGAGGTAGCAGGCCAAGAAAGAGGAAGCAGCAG  
 TCAGGGTGCCCGAGGAATCCCGTGCCACCGGCGTCTGCTCGGGCTCAGGGTGAAGGCACAGGCTCCAA  
 GGAAACCTCAACAAACGGTCTGTGAAGCAAGAAGCCTTCTCAGCCACAGGCCAGGCCAGTGGTTGCC  
 CCTCAAATACCTCCCAACCAACCAAGCTCAAGGATGAAGACTTCCCCAGCCTCTGTGTCTCCA  
 CCTCTGCTGCACAGCGTTACCCCAAGCTCTGTAGGCTTGGCACTGGCTTATCTGCTCTCCAGGGG  
 CAAGAACACCTCCAGGAAGAGGATTTCCCTGCTCTGTTTCTCCGACCCCAAGCCAGCAGTGCCCCA  
 TCCAGCCTCATCTCAGCTTGAATAGCAGCTGCAGCAAGAAAGGGAACCCACCCACCCAGGGGCCAGG  
 CTGTAGTTGGTAGCAGCCAGCCTTCCCGAAGGCAGGGAAGGGAGCAGGGGTGGCAGGAAGGGTGGTCC  
 AGCCCCAGTGAGTGAAGATAGTGGTGGCCTCACTGTGCAGGAGCTGCGGAGTGTGCCACCACAGTGGCT  
 GTCTCTTCTTTGCTGGCACCAGTTGCCAACAGAATTCAGCCAAGGTTGGCAAGAAGAAGATGGGCT  
 CTGAGAAGCCTGGGGCCACATCATCCCCACTGTTGCCCTGATCATACCCCAAAACCTTCTGGGGCTGA  
 GCAGGTCCCCGAAGCCCTTTGAGCAAAGCTGAAGTGCCAGTAACCATCGTTGTCAATGGACATTAGAG  
 GGCTCAGCCCTGGCTTGAGTATCCCAAAGGAACCTCCAGGCCTTCCAAGGCCCTAGGTCCCCTCCCCT  
 GCCCCATACCACAGGAAGACTTTCCAGCTCTCGGAGGCCCTTGTCCACCCAGGATGCCTCCTCCCCAGG  
 CTTAGCAGCGTGGTGCTCTGAAGGGCACACCCTCCACCCCAACCCACAGGCCTGGTGCTCCC  
 ATCAGCAAGCCACCCCTGGATTCTCTAGTTTCTTGCCAGCTCCCACTCAACCTGTGTTCTAGTACTA  
 CCACCATCACCCTACCACCAACATGAAAGCACCCCGGCTAGCACCACAGCAGGAGCCTACTTAGT  
 TCCTGAGAATTTCCGGGAGAGAAACCTACAGCTTATCCAGTCTATCAAGGACTTTCTACAAAGCGATGAG  
 GCCTGCTTCAGCAAGTTTAAAGCCATTACAGGAGATTACAGAGGGGATGATCTCTGCAGCTCAGTACT  
 ACAAGAGCTGCAGGACCTGCTTGAGAGAACTTCCAGAAGATCTTCAGTGAGCTGCTGGCACTCTGCC  
 AGACACAGCCAAACAGCAGGAAGTGTGTGTCACACACTGACTTCTGCAGCCGTGAGAGGCCTCCAGC  
 TCCAAATCTAAGAAAAACAAGAAGATGTGTGGCAGACCAGCACCAGCAGTTGGGCTGGAGTGTGTG  
 TGTGCCCACTGCCAGCAGTACTGGCACAGGCGAGCTCAGCAGCCACAGGCACTGCACGCTGCCCG  
 GGACGATGACTTCCCCTCCCTTCAAGCCATTGCCAGGATCATCAGTAG

 ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:**

SgfI-MluI

**ACCN:**

NM\_001105770

|                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|-------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Insert Size:</b>           | 2709 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>OTI Disclaimer:</b>        | 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).                                                                                                                                                                    |
| <b>Components:</b>            | 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).                                                                                                                                                                                                                                                                                                                              |
| <b>Reconstitution Method:</b> | <ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol> |
| <b>RefSeq:</b>                | <u>NM_001105770.1, NP_001099240.1</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>RefSeq Size:</b>           | 3275 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>RefSeq ORF:</b>            | 2709 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Locus ID:</b>              | 287119                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Cytogenetics:</b>          | 10q12                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |