

## Product datasheet for **MC223019**

### Zfp616 (NM\_001177570) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Zfp616 (NM\_001177570) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Zfp616  
**Synonyms:** Gm12330; OTTMUSG00000006163; RP23-221M24.3  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Fully Sequenced ORF:** >MC223019 representing NM\_001177570  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGGTGTGTACACAAAATTATTTTCAAAAAGAAATAACACAAGTATTTGGACTTAATGGTCTTTAGACC  
 TATATAGAAGAAGTTTTGGGAATATAGAAGTGGTGGTGAGGAGCATGAAATATGTGATTATGAAAATTA  
 TCTGCTGGCAAAACACATCTGTTTTAATTCTGAAAAGAATAAAGGAGTCTAGCTATTCTGAGAGAACT  
 CAGGCTGAGTCACTCCCATTTTACAATTGGAGACTACTCTAGCAGAATTTTACAAATTTGAAATGCA  
 ACAATGTTCTACACAGGAATACAAAACCTTAAAGAGTGACATTTGGGTGAATAAACCCACTTCCCTGAA  
 GCATTTATCAAGTAGTATGGGATTTAACAGTACTTCAATACTTTATGAACAAAGGAGATATTGGAGAAGA  
 GAAAAAATTAAGTAAATCATCAATGTGAAAGATATTTCTCTAAAAATTCATTACAGCTTCCCTCAACAAT  
 TAAATCTACTCTGTGACAAGTCTACCATGTAGGTCAACATAAGAAAAATGTCCATGTATGCAGTGAACT  
 TGGAACATATCATGTGGAAGGTAGTTGTGGAACTCCAACAGAGTAAATGATAGTAACATGGGCTATATT  
 AAAACCCCTTTTCTGAAGTATTGCCAAAACAATCAACATGGAGAGATTTTATACCAAGGTGATGTCATAT  
 TATATGATTCTCATGAAACAATTCTAAGTAAAAATGAGATAAGTAAATGATTTTCAGAAAATCATTAA  
 TAACCATGATAGTAGACAGGCTATGTCTAATCACTGCTCTCAGTCATCTTTGCAACAGCAGGATCATACC  
 ACATGGAGCCTTTATAAAAATGACTGGCAGGATGACATTTTAAATGATTCCCTTAAATCTTCAGGTTTATA  
 ACAGAATGTGGACTAAAGGAGATTTCAACAAATATACATGTGATACATACAGGAATGCTTTAATTGAATC  
 GTTATACTTAGAGAAAAGATAACATGAAACACATTTAAAGACAACCTTTCCAGGCCCCAGGGTATAATAAG  
 GTCTTGAATTTCAATTCCAATGTCATTCAACACGATTCAAACCATAATGGAAAGGGAATCCAGAAAGTCA  
 AAGTACATTTGTATGGTATTTTCAATATACAAAATCTCTTGAGACATTCAAATTTATCAGTTGAGGAAAA  
 ACCCTCAAAATATAAAACACCAGAGAAATGCTCCAATAAATCCTCAGGCCTTATGGTATTTCAAGCTAGA  
 GGGAAACCATGGAATGTGTGCAATGTGGCAAGTCCTTTGCTCAGTACTCAGCTCTTCAAAACCCCTCACA  
 GGATCTGTACTGTAAGAAACTGTATAGTTGTAAGGAATGTTTAAATCATTTACTTGGTCTCAAACT  
 TCAAGCTCACCACAGAATACATACTACACAGGAACCTTTATAAATCTAATAAGTGTGGGAATCATTTACC



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CAGTCATCAAATCTTCAAGTTTATCAGAGAATCCACCACACAGGAGACAAGCCTTACAAATGTAATGAAT  
 GTGGTAAATATTTACCCATTCTCAAGTCTTAAAGATCACCAGAGAATCCATGCAAGACACAAACCTTA  
 CAAATGTAATAACTGTGGGAAAAGTTTTATAAAGTCTCAGATCTTAAAGGGCACTACAGAATCCACACA  
 GGAGACAAACCTACAAATGTAATAACTGTAGGAAAAGTTTTACACAGTCCTCAGGTCTTAAAAGGCACT  
 ACAGAATCCACACAGGAGACAAACCTTACAAATGTAATGAATGTGGTAAATATTTACCCAGTCTTCAA  
 TCTTCAAGTTCATCAGAGAATCCACACAAAAGACAAACCTTACAAATGTAATGAATGTGGTAAATATTT  
 GCCCATCTCAAGTCTTAAAGTACACCACAGAATCCATACAAGAAACAAAACCTTATAAATGTAATAACT  
 GTGGGAAAAGTTTTATACGGTCTCAGATCTTAAAGGCACTATAGAATCCACACAGGAAAACAAGCCTTA  
 CAAATGTAATGACTGTGGTAAATATTTACCCATTCTCAAGTCTTAAAGGTCAACACAGAATCCATACA  
 AGAGACAAGCCTTACAAATGTAATAACTGTGGGAAAAGTTTTAGACAGTCTCAAGTCTTAAAAGGCACT  
 ACAGAATCCACACAGGAGACAAACCTTACAAATGTAATGAATGTGGTAAATATTTGCTTCTCAAG  
 TCTTAAAAGGCACCACAGAATCCACACAGGAGACAAACCTTACAAATGTAATGAATGTGGTAAATATTT  
 GCCCAGTCTTCAAATCTCAAGTTCATCAGAGAATCCACACAAAAGACAAACCTTACAAATGTAATGAAT  
 GTGGTAAATATTTGCCCGTCTCAAGTCTTAAAATCACCACAGAATCCACACAGGAGACAAACCTTA  
 CAAATGTAATGAATGTGGTAAATATTTGCCCAGTCTTCAAATCTCAAGTTCATCAGAGAATCCACACA  
 AAGACAAACCTTACAAATGTAATGAATGTGGTAAAGTATTTGCCCAGTATTCAAATCTTCAAGTTCATC  
 AGAGAATCCACACAAAAGACAAACCTTACAAATGTAATGAATGTGGTAAATATTTGCCCGTCTCAAG  
 TCTTAAAGATCACCACAGAATCCACACAGGAGACAAACCTTACAAATGTAATGAATGTGGTAAATATTT  
 GCCCAGTCTTCAAATCTTCAAGTTCATCAGAGAATCCACACAAAAGACAAACCTTACAAATGTAATGAAT  
 GTGGTAAAGTATTTGCCCAGTATTCAAATCTTCAAGTTCATCAGAGAATCCACACAGGAGACAAACCTTA  
 CAAATGTAATGAATGTGGTAAATATTTGCCCAGTCTTCAAATCTTAAAGTACACCACAGAATCCACACA  
 GGATACAAACCTTACAAATGTAAT

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:**

SgfI-MluI

**ACCN:**

NM\_001177570

**Insert Size:**

2964 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\_001177570.1, NP\_001171041.1

**RefSeq Size:**

4818 bp

**RefSeq ORF:**

2964 bp

Locus ID: 327963

Cytogenetics: 11 B4