

## Product datasheet for **MC221310**

### Zfp974 (NM\_028538) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Zfp974 (NM_028538) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Zfp974
Synonyms:	1700049G17Rik; AV321011; BB026409
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >MC221310 representing NM\_028538  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGGCTGTGAAGGAAGAAACAGACAGGCCGAGCCAGATTTGGAGACAGATTATGATGCTGGAAGTATAT  
 CTCAGAAAATTCATTAGTAATGGAAATTTCCCAAACAGAGCATAAAGCAATTAAGTAGAATCTTGA  
 TCTCGAGGGCTCTACTTTTAGTAATGGCCACAACCATAGTATATTCAGTGGACTACAGGGTTATAAAGGA  
 GGAGATGCTGGTCAAAGGTTACTAAAAAGGAAGAAATGCCTCCTTATACCTGCCAGACTCTTGCTCACA  
 ATACAGAAAACCATATGAGTGTAAAGAGTGTGGGAAGTGCTTTGGTTGTAGGTCAACTTTTACTCAGCA  
 TCAAAGTATTCATACTGGAGAGAAGCCCTATGAATGTGAGGAGTGTGGGAAGGCCTTCAGACTCCCCAA  
 CAGCTCACAAGGCATCAGAAGTTTCACAGTGGTGAGAAACCTTTCGAGTGAATGAATGTGGAAAGGCTT  
 TTCATCTTCTGACCTGCTCAAGTACCATAAAAACCATTTCACAGGTGAAAAACCATTTGAATGCAGGGA  
 ATGTGGGTTGTATAGGATTATCCATGCTGATGTGAAACCATACAAATGTAGTGTGGGAAAGCCTTT  
 AAGCGTCGCTCAAACCTCGTGCAACATCAGAAAACCTATTCTGATGAGAGACCCTTTCAGTGAAGGACT  
 GTGGGAAGGGCTTCATTGTTCTGGCTCAGCTCACAAGGCACCAGAACATTCACACTGGAGAGAAGTCATT  
 TGAATGTCATGAATGTGGGAAGGCCTTCAGACTCCCCAACAGCTCACAAGACATCAGAAGTCTCACAGT  
 GGTGAGAAACCTTCAAATGTAATGAATGTGGAAGGCTTTTCATCTTCTGACCTGCTCAAGTACCATA  
 AAACCATTCATACAAGTACAAAACCATTTGAATGCAGGGAATGTGGGAAGTCCTTCCATCGCATCTCTAA  
 CCTTGTGAACATAGGCTTATTCATGCTGATGTGAAACCACACAAGTGAATGAGTGTGGGAAAGCCTTT  
 AAAAGAAAACAAAAGCCTCATGCAACATCAGAAAATCCATTCTGGTGAGAGACCCTTTCAGTGCAGGAGT  
 GTGGGAAGGCCTTCATTGTTCTGGCTCATCTCACTCGGCATCAGACCATTCACTACTGGAGAGAAGTCATT  
 CGAGTGCAAGGAATGTGGCAAGAAATTCAGAACTGCCACACACCTTGTTCAGCACCAGAGTATTCATACT  
 GGTGAGAAAACCTTTGAATGCAATGTATGTGGGAAGGCTTTTCGCTTCAGATATACCTTCTGAGCATC  
 AGAAAACCTCACATGGAAGCAAAACACTTTGAATGCAATATATGTGGGAAGGTCTTTAGGCTTCAGGTATA  
 CCTTCTGAGCATCAGAAAACCTCACACTGAAGAGAAAACCTTTCAGTGTAAAGCTCTGTGGATCAGCCTTC  
 AGAAGTAAAGTACCAACTTAGTAAACATCACACAGTTCACACTGATGAAAAACCTATCAGTGAAGGAAT  
 GTGGCAAATGCTTTCGTCAAAGGTCAAATTTTACCGATCACCAGAGTATTCACACTGGAAAAAACCTT  
 CCAATGTAAGAGTGTGGGAAATTTTACAGACTCAATACACTTCTCATTTCGTCATCAGAAGTCTCACAGT  
 AGTGAGAGACCTTATGAGTGTAAAGAATGTGGAAGGCTTCCATCTTCCAGTGAACCTTAATAACCATC  
 AAATTGTTCATACAAGTAACAGACCCCTTTCAGTGAAGGTATGTGGGAAGTCCTTCAAGCGTGAATCCAC  
 TCTCATTCAACATATGGCCATTCATTCTGGTGTGAAATCATATGAATGTAAGAATGTGGGAAAGGTTTT  
 ATTCACCGCTCAAGCCTATTGCACCATCGGAAAATTCATTCTGATGAGAAAACCGTTTAAAGTGCAGGAGT  
 GTGGAAAGGCCTTTGTTGTTCTGGCATACCTCACTCGGCACCAGAGCATCCACACTGGAGAGAAATCATT  
 TGAATGTCAGCACTGTGGGTCAGCCTTCAGATACAAGTCCCAACTCAGTAAACATCAGAGAATTCATACT  
 GATGTGAGACTCTTTCAGTGCATGGAAGGTAGGAATGACTTTGTTTCATGGACTAGACCTTAGAATTCATC  
 AGGGAATCCATACCAGTGAAGTCCCTTCAATGTAATGAATATGGGGAACCTTTCATAATCATAACCA  
 ATTTTCTTGGACATAT**AG**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_028538  
**Insert Size:** 2259 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><a href="#">NM_028538.1</a></u> , <u><a href="#">NP_082814.1</a></u>
<b>RefSeq Size:</b>	5159 bp
<b>RefSeq ORF:</b>	2259 bp
<b>Locus ID:</b>	73430
<b>Cytogenetics:</b>	7 A3