

## Product datasheet for **MC221336**

### Zfp366 (NM\_001004149) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Zfp366 (NM_001004149) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Zfp366
Synonyms:	DC-SCRIPT; Znf366
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >MC221336 representing NM\_001004149  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGCAGAAGGCAATGAAGATGGTCAAGGATGAGGACGGGCCCTCAACGCTGCTGCGAAAAGCATCCCCT  
 CTTTTCCCACGTGTCTACAGCCCGAGGCTTCCCGAGGGAAGGCTCCCCAAAGACACCCCTTCCCGGAAGC  
 CCTCCGGGGCCCTTTTCGCAGTTTCGGTATGAACCTTCTCCAGGAGACCTTGATGGATTCCCGGAGGTC  
 TTCGAGGGAGGAGGTTCCCGAAACGGAAGAGCATGCCACCAAGGTGCCTTACACTCACCTGCAGAAG  
 AAGCTTCGATTGCTCAGGAGAGCAAGAGCCTGGGCCCTCCGAACCTCACTCTACTTTCCCGCAGCCACA  
 GCGCCCCAAGTGCGACTCCAGATGATCGATCTGTGCAATGTGGGCTGCAGTTCTACCGCACCTGGAG  
 CACCTGGGGGGCAAACCCGTCAAGCAAGAGCCGGTGAACCCAGTGCCATGTGGCCCCAGCCACGCCTC  
 CTGCCTTCTGCCTGCGCCTTACCTTACTACCCCAAAGTCCACCCGGGACTCATGTTCCCTTCTTCGT  
 GCCCTCGTCTCACCTTCCCCTCAGCAGGCACACCTTCTGCCAAGCAGCCCCCGAGCCAGTGTTA  
 CCCCAGAAAGTGAACCCCTGGAGAGCGAGGAGACAAACAGAAGGTGGAGAGGGTGGAGGTGAACGTCC  
 AGATCGACGACAGCTACTACGTGGATGTGGGTGGGGCTCAGAAGCGCTGGCAGTGCCCCACCTGTGAAAA  
 GTCCTACACCTCCAAGTACAACCTGGTGACCCACATCCTGGGCCACAGCGGGATCAAGCCACACGCGTGC  
 TCCCGTTGTGGGAAACTTTCAAACAGCTCAGCCATCTGCACACCCACATGCTGACACACCAGGGTACAC  
 GGCCCCACAAATGCCAGGTGTGCCACAAGGCCCTTACCCAGACCAGCCACCTGAAGCGCCACATGATGCA  
 GCACAGCGAGGTGAAGCCGCACAACGTGTGCGTGTGTAGTCGGGGCTTGCCTACCCAGCGAGCTCAAG  
 GCCACGAGGCCAAACACGCCAGCGGGCGGAAAACATTTGTGTGGAGTGCAGCTCGACTTCCCCACCC  
 TGGCTCAGCTGAAGAGGCACCTCACTACGCATAGGGGCCCATCCAGTACAACCTGCTCGAGTGCACAA  
 GACCTTCCAGTATCCAAGTCAGCTCAGCAATCAGATGATGAAGCATAAGGACATCCGTCCCTATATCTGT  
 TCCGAGTGTGGCATGGAGTTCGTGCAACCCATCACCTCAAGCAACACTCACTACCCACAAGGGTGTGA  
 AGGAACACAAATGCGGGATCTGTGGGCTGAGTTCACCCTGCTGGCCAACATGAAGAGACACGTGCTGAT  
 CCACACCAACATCCGTGCCTACCAGTGTCTCTGCTACAAGAGCTTCGTGCAGAAGCAGACCCCTAAG  
 GCTCACATGATCGTCCACTCGGATGTGAAGCCTTTCAAATGCAAGCTGTGTGGGAAGGAATTCACAGAA  
 TGCACAACCTGATGGGGACCTGCACCTGCACTCGGACAGCAAGCCCTTCAAGTGTCTCTACTGCCCCAG  
 TAAGTTCACGCTGAAGGGGAACCTGACCCGCCACATGAAGGTCAAGCACGGAGTGTGGAGCGAGGCCTG  
 CACTCTCAAGGTCTGGGTAGGGGACGACTCGTCTGGTGCAGTCCGCTGGTGTCTGAGGAATCTAGAGC  
 AGGAGGAACCATTTGACCTCTCCAGAAGCGCAGTGCGAACGGGCCAATGTTCCAGTCCGACGTGGACAG  
 CACGCAGGACTGCCTCTGCCAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG  
 CCCTATAGCCCCAGTCTGGCCCCGAGAGCCAGCAGCTCTGCGCGCTGAGGATCTGTCCACCAAGCAGG  
 AGCAGACCCTGCAGGACCCTGGAGAAGGATGCAGGATCAGGATGCTCCGGAAGAGCAGCAGGAGGACAG  
 GAGCGAGGACCACGAGGGCAGTACATAGACTGCGAGGGCAAAGACATAGACTGTGCCATCAGAGAGGAG  
 CGCTTGAGCAGCCGGCTTGAAGCGGGCGGACAGGGCCCCCTCGTTTCTGATTACTTATACTTCAAGC  
 ACAGAGATGAGGGCTTAAAAGAATTGCTAGAGAGGAAAATGAAAAACAAGCAGTCTTTTGGGTATCTA  
 A

AG**CGGACCG**ACGCGTACGCGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC  
 TGGATTACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-RsrII  
**ACCN:** NM\_001004149  
**Insert Size:** 2241 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>	<a href="#">NM_001004149.1</a> , <a href="#">NP_001004149.1</a>
<b>RefSeq Size:</b>	2788 bp
<b>RefSeq ORF:</b>	2241 bp
<b>Locus ID:</b>	238803
<b>UniProt ID:</b>	<a href="#">Q6NS86</a>
<b>Cytogenetics:</b>	13 D1
<b>Gene Summary:</b>	Has transcriptional repression activity. Acts as corepressor of ESR1; the function seems to involve CTBP1 and histone deacetylases.[UniProtKB/Swiss-Prot Function]