

Product datasheet for **MC216416**

Zfp622 (NM_144523) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zfp622 (NM_144523) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Zfp622
Synonyms:	1110033B05Rik; D15Ert806e; Znf622; ZPR9
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC216416 representing NM_144523
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCGGCTCTCACGTGCATCACCTGCCGGGTGGCGTTCCGCGACGCGGAGCTGCAGCGGGCGCACTACA
 AGACGGACTGGCACCGCTACAACCTGCGGCGCAAGGTGGCCGCCATGGCCCCGGTACCGCCGAGGGCTT
 CCAGGAGCGGGTGCAGGCGCAGCGCGGTGGCCGAGGCGGCGGAGCGAGCAAGGGCGCGGCCACCTAC
 TGCACGGCGTGCAGCAAGAAGTTCGCCACCTTCAACGCCTACGAGAACCACCTCGGCTCCCGGGCGCACG
 CCGAGCTGGAGCGGAAGGCGGTGCGGGCCGAGCCGGCGGTGGAGCTGCTGAACGCCAAGAACCTGGA
 GAAGGGGTGGGCGGGACGGCGTGCACAAGGACGCCGTGAACGCCGCCATCCAGCAGGCCATCAAGGCC
 CAGCCCTCCACGTCCCCAAGAAAGCGCCCTTCGTGCCACGGACGAGTGGGGAGGGCGGGCGGGCGG
 CACGGGGCGTCCCGGAGCGAGACCCGACGAGAAGCCGCCCGGCTCCAGTGGTTCGAACAGCAGGGCAA
 GAAGCTGGCGAAGCAGCAGTGGGAGGACGGAGAGGAGGGAGGAAGAGGAGGAAGACGACGAAGAC
 GAAGATTGGGAAGATATTGATTCCGATGATGGATTGGAATGTGAGGACCTGGAGTGGAGGATCAGGATG
 CAGAAGATGCAGCGGCTGAGGAGAGCCACCCCTAGGTGCCATCCAATAACAGACTGCTTGTTTTGTCTC
 CCATCATTCAAGCTCCCTCGTGAAGAATGTGGCTCATATGACTAAAGTCCACAGCTTTTTTATTCCTGAT
 ATAGAGTATCTTTAGATTTGAAAGGACTAATTAATAATTTGGGAGAGAAAGTTGGTGTGGCAAAATTT
 GCTTGTGGTGCATGAGAAAGGGAAGTCCTTCTATTCCACAGAAGCTGTACAGGCACACATGAATGACAA
 AAGCCACTGTAAGCTCTTACAGATGGTGACGCTGCCTTGAATTTGCAGACTTCTATGATTTTAGGAGT
 AGTACCCAGACTACAAGGAGGGCAGGATCCTGCTGAGCTTGGGCCTTGCCACAGACAAGATCTTGG
 AATGTGATGATGAAACCATGGAGCTGATACTTCTTCTGGTGCCAGAGTGGGTCAATCGCTCCTTGATGAG
 ATACTACAAACAGCGATTTGGCTTGCCAAAGAGCTGTGACAGTTGCTAGGAATCAAAGGCTGTGGGCAGA
 GTTCTCCAGCAATACCGAGCCCTGGGGTGGATGGGCAGCACAGGAGCAGCTCTCATGCGTGAACGGGACA
 TGCAATATGTGCAGAGGATGAAATCAAATGGATGCTGAAGATAGGAATGAAGAACAACGCCACCAAGCA
 GATGCACTTCAGGGCCCAAGTGAGGTT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_144523

Insert Size: 1431 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:	<u>NM_144523.2, NP_653106.1</u>
RefSeq Size:	2804 bp
RefSeq ORF:	1431 bp
Locus ID:	52521
UniProt ID:	<u>Q91VY9</u>
Cytogenetics:	15 9.71 cM
Gene Summary:	May behave as an activator of the bound transcription factor, MYBL2, and be involved in embryonic development.[UniProtKB/Swiss-Prot Function]