

## Product datasheet for **MC220060**

### Zfp503 (NM\_145459) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Zfp503 (NM_145459) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Zfp503
Synonyms:	A1181838; B830002A16Rik; Nolz-1; Nolz1; Znf503
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >MC220060 representing NM\_145459  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGAGCACAGCGCCCTCGCTTTCTGCCCTAAGAAGCAGTAAGCACAGCGCGCGCGCGCGCGCGCGCG  
 GCGGCGCGGCAGCGCGCGCGGACCGGACCTGCCTGGACCAGCGCGCTTTCTGAAAATTGCTCCGG  
 CCACGGCCAGGCTCCTCCCGCGCGCAGCACCAAGCCTTTTGTGCACGCTGTGCCCCCTCTGACCCC  
 CTGCGCCAGGCTAACCGCTGCCATCAAGGTGCTGAAGATGCTGACGGCACGGACTGGCCACATTTTGC  
 ACCCAGAGTATTTGCAACCCCTGCCTTCCACGCCCGTCAGCCCCATCGAGCTGGACGCCAAGAAGAGCCC  
 ACTGGCGTGTGGCTCAAACATGTTTCGCAGATAGGGAAGCCGGACCCTTCGCCTTCTTCAAACCTCC  
 TCGGTCGCCTCCAACGGCGCGCGCGGGTGGTGCAGGCAACGGAGCTGGGGGCGACAAGGACGCCAAGT  
 CGGGCCCTTGAAGCTGAGCGACATCGGCGTGGAGGACAAGTCGAGTTTCAAGCCTTACTCAAACCCGG  
 TTCAGATAAGAAGGAGCCGGGAGCGCGCGGAGGCGCGCGCGGGGCGCGCGCGGGGGTGTGCT  
 GCAGAGAAGTCAGGATTCGGGTACCGAGCGCCACCTGCCAGCATTACGCCAGGACAGGCAAGTCCCA  
 GCTCCAGCGCCTCGCCCTGTTCCGCGGGAGGCATGCTGCCCTCCGCCGGGGTGGCCCGGAGGGCAAGGA  
 CGACAAGAAAGATCCGGAAGCTGGCGCGGTGGCAGCAGCAAAGGCTCCGGGGCGCCTCGGCAGACGGG  
 GTACCCGCGGGCTGGGGCAGCGCCGATTAGCTGCGCGCGGGAATTAACGTGGACGTGAACCAGCACT  
 CGGAAGGGGGTCCAGGAGGCAAGGCTCTAGGCTCGGACTGTGGCGGCTCTCCAGCTCAAGCTCGGGTTC  
 GGGCCCCAGCGCGCCACCTCGTCGTCGGTTTTGGGCTCCGGTCTGGTGGCCCCGGTATCTCCCTACAAA  
 CCGGGCCAGACAGTGTCCCTCTACCCCTGCGGGCATGACCTACCCAGGAGCCTGGCTGGGGCCTACG  
 CTGGCTACCCGCCAGTCTTGGCACACGGTGTGGCACTGACCCCACTAAACCTGGCAGCCTGGTAGG  
 GGCTCAGCTGGCAGCGCGCGCAGCCGGCTCTTGGCTGCAGTAAGCCAGCGGGTTCGAGTCTCTGGCC  
 GGGGCGTCGCTCCATCAGTGATGACAGCTAGTTTGTGCCGGGACCCATACTGCCTCAGCTACCACTGCG  
 CCAGCCACTTGGCCGGGCTGCAGCCGCCAGCCCTCGTGCCTCATGATCCGGCCGCTGCAGCAGCAGC  
 GCTCAAATCGGGATACCCGCTAGTATACCCACGCACCCACTGCACGGCGTTCACTCCTCGCTGACGGCT  
 GCGGCCGCTGCGGGCGCCACACCACCTCCCTAGCCGGCCACCCCTCTACCCCTACGGTTTCATGCTCC  
 CTAACGACCCGCTCCCCACATCTGCAACTGGGTGTCTGCTAATGGGCCGTGCGACAAGCGCTTCGCCAC  
 TTCCGAAGAGCTGCTGAGCCACTTGGGACCCATACGGCCTTCCAGGGACAGACAACTGCTGTGGGG  
 TACCCAGTTCCTCGTCTCTGCCAGCGCCGAGCAGCAGCCATGGCTTGTACATGCACATCCCCAGT  
 CGGGCGCACCGGGCAGCCAGGGACTCTGGCGCTGCGCAGCCCCACCACGCACTGGGACTCAGCAGCCG  
 CTACCACCGTATTCCAAGGCCGCTCCCCACGCCCGGTGCCCAAGTGGCCGGTGCCTGCCGCCACCGGA  
 CCATACTACTCCCTTATGCCCTCTACGGACAGAGACTGACCACTGCCTCCGCACTGGGGTATCAG**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_145459
- Insert Size:** 1959 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\\_145459.3](#), [NP\\_663434.2](#)

**RefSeq Size:** 4251 bp

**RefSeq ORF:** 1959 bp

**Locus ID:** 218820

**UniProt ID:** [Q7TMA2](#)

**Cytogenetics:** 14 12.0 cM

**Gene Summary:** May function as a transcriptional repressor.[UniProtKB/Swiss-Prot Function]