

## Product datasheet for **MC205183**

### Zfp523 (NM\_172617) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Zfp523 (NM_172617) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Zfp523
Synonyms:	2810027J07; BC025615; Znf76
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >BC058346  
 GTGACCTCAGTGGTGACCAGAAGCCAACCTTCATGTCTGAAGGCACAAGTGGCAGTTTGTGCATGGAAAGCC  
 TGGGGCTGCAAACGGTGAGGCTCAGTGATGGGACAACAGCCTACGTCCAGCAGGCTGTCAAAGGGGAGAA  
 GCTGCTTGAAGGGCAAGTGATCCAGCTGGAGGACGGGACCACTGCGTACATTACCAGGTGACGATACAG  
 AAAGAGTCTTTCTCCTTTGAAGATGGTCAGCCCGTGCAGCTGGAAGACGGCAGCATGGCCTACATACACC  
 ACACACCCAAAGAGGGCTGTGACCCACGCGCCCTGGAAGCTGTCCAGCTGGAAGACGGTTCCACTGCCTA  
 CATCCATCACCTGTGCCTGTGCCGTGGACAGCGCCATCCTGGCTGTGCAGACGGAGGGCGGCTTGGAG  
 GACCTGGCAGCGGAAGACGAGGAAGGCTTCGGCACGGACACAGTGGTGGCCCTGGAGCAGTATGCCAGCA  
 AGTTTCTGCACGATAGCCCTGCTTCCACAATGGCAAAGGGCAGCAGTTGGAGACCGAGCTTTCGGCTG  
 TGGCTACAAGGGCTGTGGTCTGTCTACACCACTGCCCATCACTTAAAGGTCCACGAACGAGCTCACACA  
 GGGGACCGCCCATACAGGTGTGACTTTCAGCTGTGAAAGGCCTTTCGAACAGGCTATGGGCTAAAAA  
 GTCATGTTCTGACTCACACGGGTGAGAAACATAACAAGTGCCAGAGGAGCTGTGCAGCAAAGCCTTCAA  
 GACCTCAGGGGACCTGCAGAAACACGTGCGGACCCACACAGGTGAGCGCCATTCCGGTGCCTTTTGGAG  
 GGCTGTGGCCGCTCCTTACCACATCAAATATCCGCAAGGTACATGTGCGCACCCACACAGGCGAGCGGC  
 CCTACACCTGCCCGAGCCCACTGTGGTCTGGCTTCCAGCGCCCACTACAAGAATCATGTGCG  
 CATCCATACAGGGGAGAAGCCATACGTTTGCACGGTGCCAGGCTGCGGAAAGCGCTTACCGAGTACTCG  
 AGCCTGTACAAACACCACGTGGTGCACACACATTGCAAGCCCTACACGTGCAGTACTGTGGCAAGACCT  
 ACCGGCAAACCTCCACCTGGCCATGCACAAGCGCAGCGCACACGGGGAGCTGGAGGCCACGGAGGAGAG  
 CGAGCAGGCCCTGTATGAGCAGCAGCAGCTGGAGGCCCTCTGTGCTGAGGAAAGCCCCCAACAAA  
 CCAACCCACATTGCTTACCTTTCGGAAGTGAAGGAAGAGAGCAGTGCCATCCCAACCAAGTAGCCATGG  
 TGACGGAGGAGGATGGGCCCCCTCAGGTGGCTCTGATCACTCAGGACGGTACCCAGCAGGTACGCTGTC  
 CCCAGAAGACCTGCAGGCCCTGGGAGTGCCATCAGTGTGGTACACAGCAGCGCAGCACCACCCCTCACC  
 ATCCCCGGTTCATCATGAAGAAGTACCCACATCTGGCACACACAGGTCACCATGGTCAGGCTGATGGCA  
 CGCAGACTCAGCCGTCACAATCATTACCTCTGGGGCCTTGGTACTGAGGACTCAAGCGTGGCGTCTCT  
 TCATACCAACAGGTGGCGCTGTTGGCCACAGCCAACGGAACACACATCGCAGTGCAGCTGGAGGACCAG  
 CAGACCTGGAGGAGGCCATAAGCGTAGCCACTGCTGCTATGCAGCAAGGGGCTGTGACCTGGAACCA  
 CAGAGAGCGGCTGCTGAGCCCAAGAGGACCAGCTCCCACACCACACTGGAGAAGGCTCCATGCTCACAGG  
 CAGCCCTGCCTCCGGGGCCCCAGCCACAGCTGACCCCAAGAAGATGGCCGATAGGCCCTCAGGGGTGAT  
 GAGGCAACAGGAAAATGGCCTCTAGTGGAAAGTCTGTGGGCTACACCAAGATGAGGGCCAGGCAGCAG  
 GCAGTCGACACTGAGCTTGGTACCAGGCTGCCAGACACCTGCGTCCCTCCCTTGGCAGGATATTATTC  
 TGCTCTGTCCACTCCCTCCTCAGGGAGGTGGTACTAGGTGGACGAGGACTGGCCTCCACCTGGCTGC  
 TAGTACCACAGGGGAAAGGCCGACAGCTTTCAGCCAGCGCCTCCAGCAATAACCGTCTCCTGGGGCT  
 ACGGTGGCCAAGATGCCTAGCCACTTGGCACCAGGACTTCCCACCACACAGTCAGAATTAATTCCTCA  
 GGGGCTGTGGCTGGAGTGAAGGTGCCTCTTCGCTTGTCTGTGGCAGAGAGGCAAGCGAGTGGCCTGTAC  
 CCAGACTGCTGGGGACTGGGTTTCATTTGTTTTGGTTTTGTTTTAATCCTATTTTGATAATTTTTT  
 TTCCTGCTCTGGGTGGTGGTGGCAAACGGGCGGATGAGTATTTAATAAAAGTTGCAAGTTTCCAAAAAAA AAAAAAAAAA

**Restriction Sites:** Ascl-NotI

**ACCN:** NM\_172617

**Insert Size:** 1707 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:** [BC058346](#), [AAH58346](#)

**RefSeq Size:** 2461 bp

**RefSeq ORF:** 1707 bp

**Locus ID:** 224656

**UniProt ID:** [Q8BMU0](#)

**Cytogenetics:** 17 A3.3

**Gene Summary:** May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]