

## Product datasheet for **MC217380**

### Zfp78 (NM\_001025163) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Zfp78 (NM_001025163) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Zfp78
Synonyms:	A330079D15; KRAB12; Zfp77
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >MC217380 representing NM\_001025163  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGACAGTTGAACTAATGAAAGCCATGCTACAGGAAGCAGTGACATTCAACGATGTTGCAATAGACTTTT  
 CTCCGGAGGAGTGGGACTGGCTGAATCCTGCTCAGAGGAGTTTGTACAGGACTGTGGTGCTGGAGA  
 CCGGAACCTGGTCTCTGTGGGAGCTTGCAATTTCCAAACCATCTCTAATCTCCTTATTGGAACATGGGAA  
 GAGCCTTGGGAGGTGAAGGGTCAGGTGACAGGAAGCAGAGTACAAGGTGGTAAATCTGTACAGAAGACAC  
 ACGAATTATCTCTCAGGCAGTTGGTGTGGAGGATGTGGCAGTGGAGAACACTACAAGTCTTGGTTGTGA  
 GTCTCTCACTTCTGGAAGGAAGCAGAAATGCAAAGACCTTCTGGATAGACAGATGAGTCAAGAAATATTT  
 AACCTGAAAGAAACAGTCACTCACAAGGAACCCACACTAAAGAAATAGGCTACAACACACCGAATCCT  
 TAAATCTGCCATCTGGATAGTGTAGAAGAGAATATTTATACTACAAGTCAAAATAAGAAAAGCTTCTC  
 CAAAAATCCCAAGGTATGAAATACAAGAAAATCTGGGCAGGGAAGACCATTTTTAAATGTAATGAATGT  
 GAGAAAACCTTACCCACAGCTCAGCTGTTACAGTTCACCAGAGAATTCACACGGGGGAGAAACCATATC  
 AATGCACCGTCTGCGGAAAGGCCTTCAAGCAGAGCCACCCTGGCTCAGCACCACACAACACACACCCCA  
 CGAAGAACTTTCCAGTGTGAGGAATGTAAAGAAAGCCTTACGCCAGAATTCATACCTCACTGTACACCGG  
 AGAATTCACACCGGAGAAAAACCGTATAAATGTAAAGAGTGCAGAAAGTCTTACAGGAGCCTGCCACC  
 TGGCTCAGCACCACAGGATTACACGGGTGAGAAACCTTACAAGTGTGAAATCTGTGGGAAAGCCTTTAA  
 CCACAGCATGTCCTCACTGGCCACCAAGAGTACATTCTGGAGAGAAACCATATAAATGCAAGGACTGT  
 GGGAAAGCTTTTCGCGCAGAGTATACACCTTGTGTTCACTCAAGAATTCATACTGGAGAAGAGCCCTATG  
 AATGTAACGAATGTGGGAAAGACCTTTAGGGAGAGTTCACAGTACTTCCATCAGAGAAACACACGGG  
 AGAAAAACCTTTTGAATGTAAGCAGTGTGGTAAATTTTTCAATAGAAGTGCCTATCTTGGCAGACATCAG  
 AAAATCCATACAGGAGAGAAACCTTATGAGTGAATGAATGCGGCAAAACCTTACACATGCTGCCTATC  
 TTATAAGACACAAGAGGGTCCATACTGGAGAGAAGCCTTACAAATGTGCGGAATGTGAAAGGCATTTGG  
 TGATGGCTCCTCCGTGCTCAGCATCAGAGACTTCACTGGTCCAGAGGCCCTATGTATGTGAGAAATGT  
 GGAAGGGCCTTCAAGAAAGTCACTCCCTTAATTGCCACCAAGGTATCACACTGGAAAGAACTG**TAA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM\_001025163
- Insert Size:** 1539 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\\_001025163.1](#), [NP\\_001020334.1](#)

**RefSeq Size:** 4751 bp

**RefSeq ORF:** 1539 bp

**Locus ID:** 330463

**Cytogenetics:** 7 3.69 cM