

## Product datasheet for **MC216745**

### Zfp78 (NM\_00112805) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Zfp78 (NM_00112805) 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:** >MC216745 representing NM\_001112805  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGACAGTTGAACTAATGAAAGCCATGCTACAGGAAGCAGTGACATTCAACGATGTTGCAATAGACTTTT  
 CTCGGAGGAGTGGGACTGGCTGAATCCTGCTCAGAGGAGTTTGTACAGGACTGTGGTGCTGGAGAATA  
 CCGGAACCTGGTCTCTGTGGTGGTAAATCTGTACAGAAGACACGAATTATCTCTCAGGCAGTTGGTG  
 TTTGAGGATGTGGCAGTGGAGAACAACAAGTCTTGGTTGTGAGTCTCTCACTTCTGGAAGGAAGCAGA  
 AATGCAAAGACCTTCTGGATAGACAGATGAGTCAAGAAATATTTAACCTGAAAGAAACAGTCACTCACA  
 AGGAACCCACACTAAAGAAATAGGCTACAAACACACCGAATCCTTAAATCTGCCATCTGGATAGTGTA  
 GAAGAGAATATTTATACTACAAGTCAAATAAGAAAAGCTTCCAAAAATCCCAAGGTATGAAATACA  
 AGAAAATCTGGCAGGGAAGACCATTTTTAAATGTAATGAATGTGAGAAAACCTCACCCACAGCTCAGC  
 TGTTACAGTTCACCAGAGAATTCACACGGGGGAGAAACCATATCAATGCACCGTCTCGCGAAAGGCCTC  
 AAGCAGAGCCACCACCTGGCTCAGCACCACACAACACACCCACGAGAACTCTCCAGTGTGAGGAAT  
 GTAAGAAAGCCTTCAGCCAGAATTCATACCTCACTGTACACCGGAGAATTCACACCGGAGAAAAACCGTA  
 TAAATGTAAGGAGTGCAGCAAGTCTTCAGGCAGCCTGCCACCTGGCTCAGCACCACAGGATTCACACG  
 GGTGAGAAACCTTACAAGTGTGAAATCTGTGGGAAAGCCTTAAACACAGCATGTCACTCACTGGCCACC  
 AAAGAGTACATTTGGAGAGAAACCATATAAATGCAAGGACTGTGGGAAAGCTTTTCGGCAGAGTATACA  
 CCTTGTGTCTCACTCAAGAATTCATACTGGAGAAGAGCCCTATGAATGTAAACGAATGTGGGAAAGCCTT  
 AGGAGAGTTCACAGTACTTATCATCAGAGAAACACACGGGAGAAAAACCTTTTGAATGTAAGCAGT  
 GTGGTAAATTTTCAATAGAAGTGCCTATCTTGCCAGACATCAGAAAAATCCATACAGGAGAGAAACCTTA  
 TGAGTGAATGAATGCGGCAAAACCTTCACACATGCTGCCTATCTTATAAGACACAAGAGGGTCCATACT  
 GGAGAGAAGCCTTACAAATGTGCGGAATGTGGAAGGCATTTGGTGATGGCTCCTCCCGTCTCAGCATC  
 AGAGACTTCACACTGGTCAGAGGCCCTATGTATGTGAGAAATGTGGAAGGCCTTCAGAAGAAAGTCATC  
 CCTTAATTGCCACCAAGGTATCACACTGGAAAGAACTGTAA

**ACCGGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_001112805
- Insert Size:** 1443 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\_001112805.1, NP\_001106276.1  
RefSeq Size: 4655 bp  
RefSeq ORF: 1443 bp  
Locus ID: 330463  
Cytogenetics: 7 3.69 cM