

Product datasheet for **MC219037**

Zfp345 (NM_001034900) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zfp345 (NM_001034900) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Zfp345
Synonyms:	OTTMUSG00000015743
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC219037 representing NM_001034900
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGGTAGAGTGACCTATGATGATGTGCATGTGAACCTTCACGTGGGAAGAGTGGGCTTTGCTGGATCCTT
 CTCAGAAGAATCTCTACAGAGATGTGATGCTGGAGACCTACAGGAATCTCGCTGCTATAGGCTATGTTTG
 GGAAGACCATAATATGGAAGAGCATCTTCATATTTCTAGAAGATATGGAAGGCATGAAAGAAGTCATACT
 GAACAGCTGCTCTGAGTTTATCCAATGTGATAAAGCCTTTGCATTTTCAGAGTCATAACCAAAGACAAG
 AAAGAATTTATACTGCAGAGACCCCTATGAATGTAACCAATGTGGTAAATCCTTTGCGAGAAAAGAGTCA
 TCTCCTAAGACAGAAAAGAACACATACTGGAGAGAAAACCTTTCAATGTAACCAATGTGGTAAAACCTTTT
 GCTCGAAATACTCATCTCCTACAACATAAAAAAGTACACACTGGAGAGAAAACCTATGAATGCAATCAAT
 GTGACAAAAGCCTCTGTATGTCATATTGGTCTCCTGTATCATAAAAAGAACACATGCTGGAGAGAGACCATA
 TGATGGAATGAATGTGGTAAATCCTTTGTATATCACAGTTGTATTAACAATGTAAAAGAAGACATGCT
 GGAGAGACACCCTTTGAATGTAACCAATGTGGTAAATCCTTTGCAAGAAAAGAGTAATCTCCTAAGACATA
 AAAGAATACATACTGGTGAAGAACCTTATAAGTGTGACCAATGTGGTAAAGATTTTGCAAGTCCCAGTTC
 TTTAAATGCCATAAAAGAAAACATACTGGTGAGAAAACCTTATAAGTGTGACCAATGTGGTAAAGACTTT
 GCAAGTCCCAGTTCTCTTCAATACCATAAAAAGAAATTCATACAGGAGAGAAAACCTTATGAATGTATACAGT
 GTGGTAAAGCCTTTGCACGTTTAAAGTATTCTCCGAAGACATAAAAAGAACACATACTGGAGAAAACCTT
 TGAATGTAACCAATGTGGTAAATCCTTTGCAAGAAAAGAGTCATCTCCTAAGACATAAAAAGAAATACATACT
 GGTGAGAAAACACATAAAAAGAACACATACTGGAGAAAAATCCTTTGAATGTAACGAATGTGGTAAATCCT
 TTGCAAGAAAAGAGTCATCTCCTAAGACATAAAAAGAAATACATACTGGTGAGAAAACCTTATAAGTGTGACCA
 GTGTGGTAAAGATTTTGCATGTCCCAATCTCTTCAATACCATAAAAAGAGTTCATACAGGAGAGAAAACCT
 TATGAATGTAACAATGTGGTAAAGCCTTTGCATTTTCAACTAGTCTCCGAATACATAAAAAGAACACATA
 CAGGAGAGAAAACCTATGAATGCAATCAATGTGATAAAGCCTTTTGTGTCCAAGTGGACTCCTGTATCA
 TAAACGAACACATACTGGAGAGAGACCATATGAATGCAACGAATGTGGTAAATCCTTACATCACAGT
 AGTTTTCGAATGCATAAAAAGAACACATACTGGAGAGAAAACCTTTGAATGTGACCAATGTGGTAAAAGCT
 TTGCACAAAACACTTATCTTTTACAACATAAAAAGAGTACACACTGGAGAAAAACCTTATGAATGTAAGCA
 TTGTGGCAAAAGCCTTTGCATATTCTAATAATCTCCAAGTGCATATTAGAACACATACTAAGTATTTAGTA
 TGG**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001034900
- Insert Size:** 1686 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_001034900.3](#), [NP_001030072.2](#)

RefSeq Size: 2706 bp

RefSeq ORF: 1686 bp

Locus ID: 545471

Cytogenetics: 2