

Product datasheet for **MC221474**

Zfp945 (NM_177358) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zfp945 (NM_177358) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Zfp945
Synonyms:	A630033E08Rik; C730040L01Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC221474 representing NM_177358
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGACAGCTTCTTTGGTAAATGCTCCCCAGGAAGTGTAAACATTCAAGGAAGTGGCTGTTGACTTCTCAC
 AGGAGGAATGGGAATGTCTTGACTGTGCTCAGAGGGCATTGTACATGGATGTGATGCTAGAGAATTACAA
 CAATCTACTCTTTGTGGAGAATAATCATCATGTGTGTGTCAAACATGATGAAGTCTTGGGCCAAGGCTCA
 AAGTATAGTGCCCTGAGCATGTGAATATTCAAGAGAAGTCTAATAAATGGAAGGAATGTGGCAAAATGA
 TTCATGAATCCTCCAAAAGTACACCTTATCAAACCAACAACAGAGATGCCTCCATTGAATCATCAAACAG
 ACACAAAAGTGAATGCCAGGGAACCATGCAAGTATAAGGACTGTGTGAATGGCTTAAATTTGTATCCC
 ATCACTTGTCCACAATCAAACAGTGTACCTAGAAAATAAAGAACATACCAAAACACTGTATGATGAAGCTT
 TTCTCTCTAAATATAAACTCATGCTAAAAGGAAACAATAGTGAATGAAATCACACAAGTGCAGGAAGTC
 TGGAAAATTTCTTACGATGACCTCAAGCCTGAGTGGGCATCCGAGAGATCATGCTAGAGAGAAGCCCTAT
 CAATGTACAAAGTGTAGTAAATCCTTTCTGCATTTGTCACACCTCCAACCTGCATTACAAAATCCATTTTG
 GAGGATATCCCTACAAAATGTACAGAATGCGGTAAGTGCCTTTTATCATGCATCAGGCTTTGAAAGACATTG
 CAGAATCCATGCTACAAAAGAACTTACAAAATGTAGTTTTGTAGCAAATCCTTTATCTGCTGCTCAGGT
 CTTAGAAAACATCAGAAAATTCATGAAGAAAACAGGCTTTTTGAAATGTAACCAAGATACTAGATCATTCT
 GTACATTTTCTACCGTGAATGCCATTACCGTGCATATAAGAAAAGAAATGTTACAGATGTAAGAATG
 TGGCAAATCCCTTTTACATCCTCAGGACTTAAAATACATCAGAGAATTCATACTGGAGAGAGACCTTAC
 AAATGTGGTGACTGTGACAAAATTTTTACCCAGAAGAGCAATCTTAGAATGCATCAGAAAATTCATACAG
 GAGAGAATACTTACAAAATGCAGTGAATGTGACAAAATGCTTTACCCAGAGATGCCTTCTTAGAATTCATCA
 GAGAAATTCATTCAGGAGAAAAACCTTACAAAATGTAGTGAATGTGGCAAGGCCTTTGCTGGTGGCTCATAT
 CTTAGAAGTCATCAGAGAATTCATTCAGAAAAGAGCCTTACAAAATGCAGTGAATGTGACAAAATCCTTCC
 ACCGAAAAGACCCTTAGAATTCATCAGAGAATTCATACAGGAGAGAAAACCTTATAAATGTAGTGAATG
 TGACAAAATGCTTTACCCAGAAAAGCAGTGTAGAAATTCATCAGAGAATTCATACAGGAGAGAAAACCTTAC
 AAATGTAGTAAATGTGATAAATCCTTTACCAAGAAAGACTGTCTTAAAATTCATCAGATAATTCATACAG
 GCGAAGAACCCTTACAAAATGTAGTGAATGTGACACATCCTTTAACCGAAAAGACCCTTAGAATTCATCA
 GAGATTTACACAGGAGAGAGAATTTACAAAATGTAGTGAATGTGATGAATCCTTTACCCAGAAAATTAAT
 CTAAGAATTCATCAGAAAATTCATACAGGAGACAACCTTACAAAATGTAGTGGATGTGACAAAATCCTTTA
 ACCGGAGAAAACCTTAGAATTCATGAGAGAATTCATGCCGGAGAAAAGCCTTACAATGTAGGGAAT
 TGAAAATTCCTTTATCCAGACTGGCTCTCTTAGAATTCATCAGAGACTTCATTCAAGAAAAGAACTTTAC
 AAATGCAGGGAATGTGACAAAATCCTTTACTAGCAGCTCATATGTCAGAATACATCAGAGAATTCATTGAG
 GAGAGAAAACCTTACAAAATGTAGTGAATGTGGCAAATGCTTCACTAGTGGCTCATATCTTAGAATGCACCA
 AAGAATTCATACAGGAGACAAAACCTTACAAAATGTAGTGAATGTGATAAATGCTTTACTCAGAAAATGCAGT
 CTTAGAATTCACCAGAGAAGTATACAGGAGAGAAAACCTTACAAAATGTGGTAATTCGACAGATCTTTTA
 CAAGTGGCTCATATCTTAGAATTCATCAGAGAATTCATAGAGGTGAGAAAACCTCATAAATGTAGTGAATG
 TGACAAAATCCTTTACCCAGAAAAGGCTATCTTAGAATTCATCAGAGAATTCATAAAGGAGAAAAATCTCAC
 AAAGGTAGT**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI
ACCN: NM_177358
Insert Size: 2322 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:	<ol style="list-style-type: none">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:	<u>NM_177358.4</u> , <u>NP_796332.2</u>
RefSeq Size:	6618 bp
RefSeq ORF:	2322 bp
Locus ID:	240041
Cytogenetics:	17 A3.3