

Product datasheet for **MC221662**

Zfp945 (NM_001110254) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zfp945 (NM_001110254) 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: >MC221662 representing NM_001110254
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGTGAAGAGAGAGGAGACTATAGTAAAGAATCCAGAAACTTGGAAAAGAGCAATAAGAAGAATGACAG
 CTCTTTGGTAAATGCTCCCGAGAACTGTTAACATTC AAGGAAGTGGCTGTTGACTTCTCACAGGAGGA
 ATGGGAATGTCTTGACTGTGCTCAGAGGCATTGTACATGGATGTGATGCTAGAGAATTACAACAATCTA
 CTCTTTGTGGAGAATAATCATCATGTGTGTGCAAAACATGATGAAGTCTTGGGCCAAGGCTCAAAGTATA
 GTGCCCTGAGCATGTGAATATTC AAGAGAAGTCTAATAAATGGAAGGAATGTGGCAAAATGATTTCATGA
 ATCCTCCAAAAGTACACCTTATCAAACCAACAACAGAGATGCCTCCATTGAATCATCAAACAGACACAAA
 ACTGAGAATGCCAGGGAACCATGCAAGTATAAGGACTGTGTGAATGGCTTAAATTTGTATCCCATCACTT
 GTCACAATCAAACAGTGTACCTAGAAAATAAAGAACAATACAAAACACTGTATGATGAAGCTTTTCTCTC
 TAAATATAAACTCATGCTAAAAGGAAACAATAGTGAATGAAATCACACAAGTGCAGGAAGTCTGGAAAA
 TTCTTCACGATGACCTCAAGCCTGAGTGGGCATCCGAGAGATCATGCTAGAGAGAAGCCCTATCAATGTA
 CAAAGTGTAGTAAATCCTTTCTGCATTTGTACACCTCCAACCTGCATTACAAAATCCATTTTGGAGGATA
 TCCCTACAAAATGTACAGAATGCGGTAAGTGCTTTTATCATGCATCAGGCTTTGAAAGACATTGCAGAATC
 CATGCTACAAAAGAATACTTACAAATGTAGTTTTGTAGCAAAATCCTTTATCTGCTGCTCAGGCTTAGAA
 AACATCAGAAAATTCATGAAGAAAACAGGCTTTTTGAATGTAACCAAGATACTAGATCATTCTGTACATT
 TTCCTACCGTGAATGCCATTACCGTGCTGATATAAGAAAGAAATGTTACAGATGTAAGAATGTGGCAAA
 TCCCTTTCTACATCCTCAGGACTTAAAAACATCAGAGAATTCATACTGGAGAGAGACCTTACAAATGTG
 GTGACTGTGACAAAATCTTTTACCAGAAGAGCAATCTTAGAATGCATCAGAAAATTCATACAGGAGAGAA
 TACTTACAAAATGCAGTGAATGTGACAAAATGCTTTACCCAGAGATGCCTTCTTAGAACTCATCAGAGAAT
 CATTACAGGAGAAAAACCTTACAAATGTAGTGAATGTGGCAAGGCCTTTGCTGGTGGCTCATATCTTAGAA
 GTCATCAGAGAATTCATTACAGAAAAGAAGCCTTACAAATGCAGTGACTGTGACAAAATCCTCCACCGGAA
 AGACCACCTTAGAATTCATCAGAGAATTCATACAGGAGAGAAAACCTTATAAATGTAGTGAATGTGACAAA
 TGCTTTACCCAGAAAGGCAGTGTAGAATTCATCAGAGAATTCATACAGGAGAGAAAACCTTACAAATGTA
 GTAATGTGATAAATCTTTTACCAAGAAAGACTGTCTTAAAATTCATCAGATAATTCATACAGGCGAAGA
 ACCTTACAAATGTAGTGAATGTGACACATCCTTTAACCGGAAAGACCATCTTAGAACTCATCAGAGATTT
 CACACAGGAGAGAGAATTTACAAATGTAGTGAATGTGATGAATCCTTTACCCAGAAAATTAATCTAAGAA
 TTCATCAGAAAATTCATACAGGAGACAACCTTACAAATGTAGTGGATGTGACAAAATCCTTTAACCGGAG
 AAACCATCTTAGAACTCATGAGAGAATTCATGCCGGAGAAAAGCCTTACAATTGTAGGGAATTTGAAAAT
 TCCTTTATCCAGACTGGCTCTCTTAGAATTCATCAGAGACTTCATTCAAGAAAAGAACTTTACAAATGCA
 GGGAAATGTGACAAAATCCTTTACTAGCAGCTCATATGTCAGAATACATCAGAGAATTCATTACAGGAGAA
 ACCTTACAAATGTAGTGAATGTGGCAATGCTTCACTAGTGGCTCATATCTTAGAATGCACCAAGAATTC
 ATACAGGAGACAAAACCTTACAAATGTAGTGAATGTGATAAATGCTTTACTCAGAAAATGCAGTCTTAGAA
 TTCACCAGAGAAGTCATACAGGAGAGAAAACCTTACAAATGTGGTAATTCGACAGATCTTTTACAAGTGG
 CTCATATCTTAGAATTCATCAGAGAATTCATAGAGGTGAGAAAACCTCATAAATGTAGTGAATGTGACAAA
 TCCTTTACCCAGAAAGGCTATCTTAGAATTCATCAGAGAATTCATAAAGGAGAAAAATCTCACAAAGGTA
 GTTAG

ACGCGTACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001110254
Insert Size: 2385 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_001110254.1</u> , <u>NP_001103724.1</u>
RefSeq Size:	6497 bp
RefSeq ORF:	2385 bp
Locus ID:	240041
Cytogenetics:	17 A3.3