

## Product datasheet for **RN210948**

### Zfp111 (NM\_133323) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Zfp111 (NM_133323) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Zfp111
Synonyms:	rKr2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN210948 representing NM\_133323  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGACCAAGTTACAGGAGCAGTGACGTTCAAGGACGTGGCCGTGGTCTTCAGTAAGGAGGAGATGGGGC  
 TGCTGGACGCTGCCAGAGGAAGCTGTACCACGATGTGATGCTGGAGAACCCTCAGGAACCTCCTGGCAGT  
 GGGAGGCCAGAGTCCAAATAAGATGAAGACTGTTGATGCAACAGGAGTGAGGTGCCTTTTACTGGGGCAG  
 CTTCTGTACTGGGAAATAACAGGCCACGATGCCAACAACTGGCCAGAGCTCCGGAAGCTGTAGTCCACA  
 CTCAAGGAAAGGGTTCTCACTTCTGGAGCAAGGCCACTCCTCCTGCCACAGGGAAGCAGAGGAGCCTCG  
 CCGGCCTTCTGAGGATGACAGTTCTCTCGACAGTCTGACACGTGACCATTCCAGCACTACTGAAAATCAG  
 GAATTTCTGTCTGGGAGAGCCCAGGGTCTTGGTGTAAAACACATCTTAGGAAAAGACAGAACCATCAGA  
 AACACTGTCTGCAGACTCTGATGAAAAACAAGCCAGAGCTGTTGACTCAGCATTCCCTGTACAAAAGAC  
 ACAGGAGGACAGCAGGCATAGCTCTAGCGTCCCATTCAACAAAGTGTTTCATCCAGGAAGAAAGCGCTAC  
 TGGTGTATGAGTGTGGCAAGGGTTTCAGTCAGAGCTCAGCTCTCCAGACTCACCGGAGAGTGCACACGG  
 GGGAGAAGCCCTGCAGGGACAACAGCTGTAGGAAAAGCTTCAGTCGTAGCTCTGGTCTTAGCATCCACCG  
 CCAAGTACACACTGGAGAGAGACCTTACCGGTGTAAAGTGTGTGGGAAGGGTTTCTTGGCGTGGTACAC  
 CTCCAGGCCACAGAGAGAATTCACACAGGAGAGAAGCCATATAAGTGTGGAGAATGTGGTAAACGCTTCA  
 GCTGTATTTCAAACCTTACACCCACCAGAGATTCACACAGCAAGGAGAAAACCATACAAGTGTGACAAGTG  
 TGGGAAGTGCTTCACTTGAACCTTCACTTCACTTATCAGCGGGTCCACACAGGAGAGAAAACCGTAT  
 AAATGTGAAGAGTGTGGGAAGTGTTCAGCTTGAAGTGTGGGAAGTGTTCAGTTCAGCCTCAAGTTTCCAAAGACACCG  
 GAGAGAAGCCATATAAATGTGAAGAGTGTGGGAAGTGTTCAGTTCAGCCTCAAGTTTCCAAAGACACCG  
 GCAGATCCATATAAAGAGAGAAGACACTTATCGTGTGTGTGGAAAAGGCGAGCAGCCGGACTCGAAT  
 CTTCACTCACAGAGTGCACATACAGGAGAAGCCCTATCGGTGCAACAGCTGTGGGAAGAGCTTCC  
 GCTGTAGCATGGATCTCAACATCCACCGCCGAGTACATACTGGAGAGAAAACCTTACAAGTGTGAGGTGTG  
 TGGGAAGGGCTTCAATATTTGTCACACCTCCAGGCCACAGAAAATTCATGCAGATCAGAAGCCATAT  
 AAGTGTGAATACTGTGGCAGACGCTTCACTATAGTTCAAACCTTACACCCACCAGAGAGTTCACACGG  
 GAGAGAAAACCTATAAATGTGAGGAGTGTGGGAAAAGCTTCAGTCTAGCGTCTAGTCTACAGGCTCATCA  
 AAGAGTCAAACCTGGCAAGAAGCCATTCAAATGCAATGCATGCCAAAAGCGATTTCAGTCAAGGCTGGAAC  
 CTCAGGCCACAGAGAGTGCACACTGGGAGAAAGCCCTACAAGTGTGACACGTGTGGGAAAGCCTTCG  
 GCCAGAGGTCCAGTCTTCAAATCCATCAGAGAATTCACACTGGGAGAAAGCCATTCAAATGTGAGGAGTG  
 TGGGAAGGAGTTCAGCTTGAATTCAGGGCTTACTGCTCACCGGAGGGTCCACACGGGAGAGAAGCCCTAT  
 GAATGCACAGAGTGTGGGAAAGGCTTGTAGTCTTGCCTCAAGTCTACGAACTCATCAGCGAATTCACACCG  
 GCGAGAAAACCTTCAAATGCAATGAGTGCAGAAAGAGGTTTCAGTCAAGTCTCACACCTCCAGTCCCACCA  
 GAGGGTTCACACAGGGGAGAAAGCCTTACAAATGTGACACCTGTGGGAAGGCTTTCAGTCAAAGTCTGGT  
 CTCAAAGTCCATCGGAGAATTCACACTGGGAGAAAGCCGTTCAAGTGTGAGGAGTGTGGGAAGGAATTC  
 TCTGGAGCTCAGGGCTTAGTGCTCACCGGAGGGTCCACACAGGAGAAAAAACCTGCACGGT**TAG**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_133323

**Insert Size:** 2235 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).

<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_133323.1</a></u> , <u><a href="#">NP_579857.1</a></u>
<b>RefSeq Size:</b>	2817 bp
<b>RefSeq ORF:</b>	2235 bp
<b>Locus ID:</b>	170849
<b>Cytogenetics:</b>	1q21
<b>Gene Summary:</b>	has transcriptional repressor activity; may act as a transcriptional repressor in oligodendrocytes of the CNS; may play a role in myelination [RGD, Feb 2006]