

## Product datasheet for **MC222290**

### Zfp512b (NM\_001164597) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Zfp512b (NM_001164597) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Zfp512b
Synonyms:	Gm632; Znf512b
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >MC22290 representing NM\_001164597  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGACTGAATCCTTTTGTGTTGGAGGAGCCGTCGGCTTCAAGGATCCAGCAAAGTGGACCTGGAAGG  
 GAGGCAGCCGGAAGGAGGCCAACTTCCCTTGTGACAGGACCCACAAAGCTAGGGATGCCAGTGGTCCA  
 CAGTGGACATACAGTGCCTAGCCAGGCCCACTCTGCTTTGACCTTGAAACTCAGCCAGTGACAAGACA  
 GAAGGGAAGAAAAAGGAGGCCGAAAGCCGAGAACAAGCTCTCCGAGATATTCCTCTCTCTGTATGA  
 ACCAGTGGAAAGATGAATCAAGGCACACTCAAGGGTGAAGTGTCCAAACTCAGGGTGTGGCTAGAGTT  
 CCCCAGCATCTATGGGCTCAAGTACCCTATCAGCGGTGCCAAGGGGTGCTATCTCAGATAGGCTGGCC  
 TTCCCTTGCCCTTCTGCGAGGCCGATTCACTTCCAAGACCCAGCTGGAGAAGCACCGGATATGGAATC  
 ACATGGACCACCCCTACCTGCCCAAGCTGGCCAGTCAGCCGGCCGGTACCATCAGCCGGCCTGT  
 TGGGGTACGAAAGCCCATCGGAGTGAGCAAACCTGTTACTGTTGGCAAACAGTGGGTGTACGAAAGCC  
 ATTGGCATCAGTAAGCCAGTCACAGTCAGTAGGCCTATACCAGTACCAAACCTGTCACAGTCAGTAGGC  
 CCATGCAAGTCTCTAGGCCTGTGCCAGTACCAAGCCATCCCAATTACCAAACCTGTGCCACTCACAA  
 ACATATGCCAGTTACCAAGCTTGTGACAGTTTCAAACCTGTGCCACTACCAAGCCAGTACCAGTCAGC  
 AGGCCATTGTGGTACGAAAGCTGTGCCGGTACGAGGCCCATCGCCATCAGCAGACACATACCACCT  
 GCAAAATGGTGTGTGTCCAACTGAGAACAAAACACTTCGTGCTACAGGCAAGAAGCAATAAGAA  
 AAGGGTGCAGACAGTTGGACACTGCCCATCCTGTCCAAGCAGGCAAGGCCAGAGAAATGGAGCATA  
 GGCCCATCCAGCATGGACCAGAGTGTGACCTTCCACTGAGTACAGATCCTAGCGGCAGCAGGCCCTGA  
 TGGGCAAAAGAGCCACTGCGGCCTATAGGCCAGTGTCCAGCCGAGGAAGACCCGAGCCACAAAGCA  
 CAGAAGGAAACAGAAAACACCGAAGAAATTCACAGGGGAGCAACCATCTATCTCAGGGACCTTTGGGCTC  
 AAAGGCCTGGCCAAAGCTGAAGACAAGGCTCGAGTTCATCGCTCCAAGAAGCAAGAGGGATCAGGCTCTG  
 AGGAAGTGCAGGAAGAGGTGCTGCCACCCCTGTCACTGTGAGCAAGGAGGCACCAAACCTGTGGCTCA  
 CCCAGCCCCAGTGGCCCGGAGGAGCAGTGGCAGCGAGCCATCCATGAACGGGGGAGGCTGTCTGCCCC  
 ACCTGCAACGTGGTTACCCGGAAGACCCTCGTGGGACTCAAAAAGCACATGGAAGTATGTCACAAGTTGC  
 AGGAAGCACTCAAATGTCAGCACTGCCAAAACAATTCAAGTCCAAGGCTGGCCTCACTACCACACCAT  
 GGCTGAACACAGTGCCAAAGCCACGGATGCTGAGGCCTCTGAAGGGGAGAACAGGAGGAGCGGGAGAGG  
 CTTGAAAAGGTGCTGAAGCAGATGGGAAGGCTGCGCTGCCCAAGAGGGCTGTGGGGCTGCCTTCTCCA  
 GCCTCATGGGTTATCAATACCACCAGCGCGCTGTGGGAAGCCACCTGTGAGGTAGACAGTCCCTCCTT  
 CCCCTGTACCCACTGTGGCAAGACTTACCGATCCAAGGCTGGCCACGACTATCATGTGCGTTTCAGAGCAC  
 ACAGCCCCGCCTCCTGAGGATCCACAGACAAGATCCCTGAGGCTGAGGACCTGCTTGGGGTAGAACGGA  
 CCCAAGTGGTCGCATCCGACGTACGTCGGCCAGGTTGCCGTGTTCCATCTACAGGAGATTGCAGAGGA  
 TGAAGTGGCCCGTACTGGACCAACGACGCATGAAGGATGACCTTGTGCTGAGACTGCACGACTCAAC  
 TACTCGCCAGGTCTCCCCACTTAACCCTCAGTGTGGAAGCATGGAAGAATGAAGTCAAGGAGA  
 AGGGCCATGTGAAGTGTCCCAATGATTGCTGTGAAGCCATCTACGCCAGTGTGTCGGCCCTCAAGGCCA  
 TCTTGCCAGCTGCAGCAAGGGGACCACCTGGTGGGAAAGTACCGCTGCCTGTGTCCCAAGAGATTTC  
 AGCTCTGAGAGCGCGTGAAGTACCACATCCTTAAGACCCACGGAGAGAATTGGTTCCGGACCTCAGCTG  
 ACCCGTCTTCAAACACAAGAGCCAGGACTCCTTGATGCCTAGGAAAGAGAAGAAGAAAAGTCTGTGAGG  
 AGGAAAGAAGCGGGCCGAAACCAAGGAACGATCCTCCGAGGAGCCAGCATCTAAGCTCCCCCTAAC  
 AGGGATGACTGGCCCCAGGAGGACAGAGAGGGGTCCCGAGCTCCACTGGGAAGAAGGCTGGAGCTG  
 GGAAGGCACCTGAAAAG**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_001164597  
**Insert Size:** 2610 bp

<b>OTI Disclaimer:</b>	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_001164597.1</a></u> , <u><a href="#">NP_001158069.1</a></u>
<b>RefSeq Size:</b>	5390 bp
<b>RefSeq ORF:</b>	2610 bp
<b>Locus ID:</b>	269401
<b>Cytogenetics:</b>	2 H4