

## Product datasheet for **RN216590**

### Zbp1 (NM\_133564) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Zbp1 (NM_133564) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Zbp1
Synonyms:	Dlm1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN216590 representing NM_133564 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**GCGATCGCC**

ATGGCGGAGGCTTCTGTGGACCTGGGCACGGGAGACAACCTGGAGCAGAAGATCCTGCAGGTGTTGAGTG  
ATGCTGGTAGTCCTGTGCAGATCGACCAGCTGTTGAAGAAGTTACAAGTGCCCAAGAAAAATCCTCAACCA  
AGTCCTTTACCGCTGAAGAAAGAGGGCCGAGTGTCTCGCCGGCCAGCGACGTGGCTCTTAGGTGGA  
GATGGGGCTTCCGAGATGGGGCTCCCGAGATCCCTGAGGACTCCGCTGCCAGCCTAGCCTTGAAGAAA  
GGATATTAAGATTCTGGAGACTAAAGGGCCCCAGAGGGCCCTGCATATCGCCAAGGCTCTGGGAATGAC  
GACGGCCAAAGAAGTGAACCCCATCTGTATTCCATGAGGAATAAGCACCTTCTGACCGTGTCTGACACA  
CAGATGTGGACCATCTACCGCTCAAGCCAGGAAGGCCAAGAGCGAGCTTGTTCGGAGTCGGACAAGAGT  
CCCCTGCGGTTATTTACCAGCAAATCCGATCAACATGATCTGCCAACAAGGACCAACAGCCTCATCTC  
TATTTCCAACCTCAAAGCCATCCAGATTGGCCATGGGAATGTTATGTCAAGACAGACAATCTGTGGTGAC  
CCAGGTCCCGGGACTCCTCACCACGCCCTCTACCCGTGCTAGAGGATGCTGCTGCTCAGGACACGCCCC  
CTGGTACCCACGGAGCTCAACTCATCCACCTGAACAAGTCCATGCTCCGACGTGTGCAGCTCGGCCACGG  
CAACGAGATGAACCTCGAGAGGGATCCAGTGGAACACCCCAATTTTCAGCTTTAGTAGCCCCCAGAG  
TCAACCACCACTGCAGACCCAGAAACTGCATTAACATGCAAACACCTGAGCCAGGCCCTCACCCCTGAGG  
GAGGCACAACCCAGATAGTCCACATCAAATCCTGCTTGTAGAGGACACGACCGTCGGCAACAACAACA  
GATGACCATCCACGTAGGTCAAAGGTGGAGCCAAGGAGTCTGCAGACAGCCAAGAAGTAAAGAAAGAC  
ACAGGTGCAAGTTCTGAAGCCACGCCACCCAGAAGCTGCTTGACACACCCAGCGACTCCACCCTGCTCA  
CCTCTGAGCTGACAGCTATGGCTCTGGGAGATGGCAGCCCCAGATCACAGAATCTATGCTTAGAGAGGA  
TGAAGTGCAGGCCGAGAAACCTGTGACACGACAGGAC**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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<b>Restriction Sites:</b>	Sgfl-Mlul
<b>ACCN:</b>	NM_133564
<b>Insert Size:</b>	1230 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>OTI Annotation:</b>	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
<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_133564.1</a></u> , <u><a href="#">NP_598248.1</a></u>
<b>RefSeq Size:</b>	1692 bp
<b>RefSeq ORF:</b>	1230 bp
<b>Locus ID:</b>	171091
<b>Cytogenetics:</b>	3q42
<b>Gene Summary:</b>	DNA binding protein; thought to bind Z-DNA, which is largely controlled by the amount of supercoiling [RGD, Feb 2006]