

## Product datasheet for **RN208180**

### Zpbp2 (NM\_001007011) Rat Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Zpbp2 (NM\_001007011) Rat Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Zpbp2  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Fully Sequenced ORF:** >RN208180 representing NM\_001007011  
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGCTCGCGTGGGCCCTACTCTCCGCGGTGCTCTGGTCTCTCGCAGGAGTTGGATCGGCACGTTCTTCTCT  
TATTCAGTAACGAAGGCTTTGTTTACGGCACGGTAGGGCACCCAGTAAAAATACGTAAAGTTACATCA  
GACTAGCCCTGTCCTTGTGGTATGGATATTGATCGTGTAGCAAAGAAACCGTGGATCCCATCTACTTA  
TGGATTGGGCCGAATGAAAACACATTAAACAGGGAGTAGCCAAATAAATAACAAACATAGGAGAAGCTGG  
TACTGAAGGATTTTATGGAGTCATTATCTGGACATTACTCATCTTCTCTATAAAAATTGTCAAAGC  
AGAAACCCAAGAAGAACTTCACTAAAGAAGAAATATGACTTTCTGGTCTTTGCCTACCGGGAACCTGAT  
TATTCTTATCGCATGGCTGTGCGTTTTACCACAAAATCTGTGTAGGAAGATATAATGACCTGCTCTTTA  
GACTGCTGAAGAAAATCTTGATAATTTAATCTCTGATTTGTTGTGCCATGTCATAGAACCATCTTATAA  
GTGCCATTCTGTTAAAATCCCAGAGAGGGACTTCGTGTACGAGCTATTCGTAGCCTTTCAAGTGAATCCT  
TTTGCACCCGGCTGGAAGATATGTGCAATAGCTCTATGGACTGTGAGGACGTCACCAATCATAACATCC  
TCAAGGCACGAGATCGGATAGAAGATTTTTTCGGAGCCAAGCTTACATCCTGCACCACCTTTAATAT  
AACTGTCCAGCTATGCACTTCGTGGACCAGTTTTCCAAGTAACTCGCATAGACAACCTGTCGGCCAGGC  
TTTGGGAAAACGAAGGTCTACACAGCAACTGTGCTAGCTGTTGCGTGGTCTGTAGTCTGGAACGTTCA  
GTCCCATATGGATGTCACCTGTCAGACCTGTGTTTCTGCCATGTCTACGGAGCCAAGCTTGCCATA  
A

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-MluI  
**ACCN:** NM\_001007011



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<b>Insert Size:</b>	981 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_001007011.1</a></u> , <u><a href="#">NP_001007012.1</a></u>
<b>RefSeq Size:</b>	1461 bp
<b>RefSeq ORF:</b>	981 bp
<b>Locus ID:</b>	363676
<b>UniProt ID:</b>	<u><a href="#">Q6X782</a></u>
<b>Cytogenetics:</b>	10q31
<b>Gene Summary:</b>	Is implicated in sperm-oocyte interaction during fertilization.[UniProtKB/Swiss-Prot Function]