

Product datasheet for **RR208180**

Zpbp2 (NM_001007011) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Zpbp2 (NM_001007011) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Zpbp2
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RR208180 representing NM_001007011
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGCTCGCGTGGGCCCTACTCTCCGCGGTGCTCTGGTCTCTCGCAGGAGTTGGATCGGCACGTTCTTCTCT
TATTCAGTAACGAAGGCTTTGTTTACGGCACGGTAGGGCACCCAGTAAAAATATACGTAAGTTACATCA
GACTAGCCCTGTCCTTGTGGTATGGATATTGATCGTGTAGCAAGAAACCGTGGATCCCATCTACTTA
TGGATTGGGCCGAATGAAAACACATTAACAGGGAGTAGCCAAATAAATATAACAAACATAGGAGAACTGG
TACTGAAGGATTTTATGGAGTCATTATCTGGACATTACTCATGTAATCTTCTCTATAAAAATTGTCAAAGC
AGAAACCAAGAAGAACTTCACTAAAGAAGAAATATGACTTTCTGGTCTTTCCTACCGGGAACCTGAT
TATTCCTATCGCATGGCTGTGCGTTTTACCACAAAATCTGTGTAGGAAGATATAATGACCTGCTCTTAA
GACTGCTGAAGAAAATCTGGATAATTTAATCTCTGATTTGTTGTGCCATGTCATAGAACCATCTTATAA
GTGCCATTCTGTTAAAAATCCAGAGAGGGACTTCGTGTACGAGCTATTCGTAGCCTTCAAGTGAATCCT
TTTGCACCCGGCTGAAAAAGTATGTGCAATAGCTCTATGGACTGTGAGGACGTCACCAATCATAACATCC
TCAAGGCACGAGATCGGATAGAAGAGTTTTTTTCGGAGCCAAGCTTACATCCTGCACCACCTTTAATAT
AACTGTCCAGCTATGCACTTCGTGGACCACAGTTTCCAAGTAACTCGCATAGACAACCTGTCGGCCAGGC
TTTGGGAAAAACGAAGGTCTACACAGCAACTGTGCTAGCTGTTGCGTGGTCTGTAGTCTGGAACGTTCA
GTCCCGATATGGATGTCACCTGTGACACCTGTGTTTCTGCCATGTCTACGGAGCCAAAGCTTGCCCA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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ORF Size:	978 bp
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
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:	NM_001007011.1 , NP_001007012.1
RefSeq Size:	1461 bp
RefSeq ORF:	981 bp
Locus ID:	363676
UniProt ID:	Q6X782
Cytogenetics:	10q31
MW:	36.8 kDa
Gene Summary:	Is implicated in sperm-oocyte interaction during fertilization.[UniProtKB/Swiss-Prot Function]