

Product datasheet for **MC210918**

Zpbp2 (NM_001166494) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Zpbp2 (NM_001166494) Mouse Untagged Clone
Tag: Tag Free
Symbol: Zpbp2
Synonyms: 1700017D11Rik; 2610022C02Rik; ZPBPL
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC210918 representing NM_001166494
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGATATTGATCGTGCCAATAAAGAAACAGTGGACCCACCTATTTATGGACTGGCCAAATGAAAACA
 CATTAAAAGGGAATAGCCAGATAAATAACAAACACAGGAGAACTGGTACTGAAGGATTTCTGGAGCC
 GTTATCTGGACTTTACTCATGTATGCTTTCCTATAAGACTATCAAAGCAGAAACCAAGAAGAACTATG
 ATAAAGAAGAAATATGACTTTCTGGTCTTTCATATCGGGAACCTGATTATTCTTACCACATGGCCGTGC
 GTTTTACCACAGGATCTTGTGTAGGAAGACACAATGACCTGCTCTTTAGAGTGTGAAGAAAATCTTGGA
 TAACCTAATCTCTGATTTATTGTGCCATGTCATAGAGCCATCATACAAATGCCATTTTGTAAAACCTCCA
 GAGAGGGACTTCTGTATGAGCTGTTTATAGCCTTTCAAGTGAATCCTTTCGCACCGGGCTGGAGAAGTT
 TGTGCAACCGCTCTGCTGACTGTGAAGACATCACGAATCACAACGTCCTCAAGGCGAGAGATCGGATGGA
 AGAATTTTTTCGGAACAAGCACACATTCTACACCATCACTTCAACAGAACGGTCCCAGCTATGCACTTT
 GTGGACCACAGTTTTCAAGTAACACGGATAGACAATTGTCGACCAGGCTTTGGGAAAAACGAAGGTCTGC
 ACAGCAATTGTGCTACCTGTTGCGTGGTCTGTAGTCTGGAACGTTCACTCCCGATGTGGATGTCACCTG
 TCAGATCTGTGTTCTGTCCATATCTATGGAGCTAAAGCTTGCCATAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001166494
Insert Size: 819 bp



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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).
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:	<u>NM_001166494.1</u> , <u>NP_001159966.1</u>
RefSeq Size:	1639 bp
RefSeq ORF:	819 bp
Locus ID:	69376
UniProt ID:	<u>Q6X786</u>
Cytogenetics:	11 D
Gene Summary:	Is implicated in sperm-oocyte interaction during fertilization.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (3) differs in the 5' UTR and coding sequence compared to variant 1. The resulting isoform (3) is shorter at the N-terminus compared to isoform 1. Variants 3 and 4 both encode isoform 3.