

Product datasheet for MC209941

Zpbp (NM_015785) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zpbp (NM_015785) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Zpbp
Synonyms:	4930486K01Rik; lam38; Sp38
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC209941 representing NM_015785 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGTGTACCCAAGCTGGGTCCCAAGCTAGCACACCTCCCGCACATCACCCGAGCGGAAGTGGCGCTCCG
TCGGTCCGTCTCCGGCTGCCGTCTGCCAATTCCGGCGCGGGTGGCGCGCCAGGTAACGACCT
TCTGCGCGAGGCTCGGCCGTGGCGCGGTGTGGATGGAGCCTTGGCCCCGGGCCGGGCTCCGCGGGC
CGGCGGGCGGGCCGGGCCCTCGGGCTCCGTGCTCTCGCCGCTGTCGCTGGCCGCGCTCCTGCTCTGCGCT
TGCTGCGGGCGCCCCCTGCAGTTGGACATTTGGCTCGACTGCCAAGAAGTATCCACTTGACTCAAGATTC
ACTGAAAATAGTGGGATCGACACATTTTCTGTGAGCGTATATGTTATGCTTCATCAAAAGAGTCCACAT
GTGCTATGTGTAACCAACGACTGAGAAAATACAGAGCTGGTAGACCCATCATTCCAATGGCATGGGCCAA
AAGGAAAATTGTTTCAGAAAATACCACTGCACAAGTGACCTCCACAGGAAGCCTCATATTTAGAGCTT
TGAAGAGACCATGAGTGGGGTTTATACATGTTTCTCGAGTATAAACCAACTGTAGAGGAATCTATTTAA
AATCTTCAACTGAAATACATTGTTTATGCTTATCGTGAACCTCGGTTTTATTATCAGTTCACAGCTCGAT
ACCATGCAGCTCCCTGCAACAGTATCTAACATTTCTTTGAGAAGAACTTCTCAGATTTTAAAGTAA
GCTGGTTCTTGACCTTCTGTGAAATATCCTTGATTAAGTCTGAATGCCATCGTGTTAAAATGCAAGA
GCTGGTTTGCAAAATGAATTGTTCTTACATTTTCAAGTTCATCTATAGACACAGAAAAGGATCCAAGC
CATGTACAGACCATAGTTGTGAAGCTTCCAAAAGATTATCTAAGGCTAAAAATCTCATAGAGAGATTCTT
CATTAGCAAGTAGAAGTCTGGGCAAGCGTGGGAGCCACTGCCTGAGATATACTACATTGAGGGAACC
CTTCAGATGGTGTGGTGAACCGCTGCTTCCAGGGTATGGCATAAATGTCCTGAAGCATCCAAGTGCC
CAGAGTGTGTGGTCTGCAGCCCTGGATCCTCAATCCCCGGGATGGAAGTATTGCCTCCAGTGCAA
CAACAGCCTGGTGTATGGAGCGAAGACATGCATG**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_015785
Insert Size:	1227 bp
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:	NM_015785.2 , NP_056600.1
RefSeq Size:	3845 bp
RefSeq ORF:	1227 bp
Locus ID:	53604
UniProt ID:	Q62522
Cytogenetics:	11 A1
Gene Summary:	<p>Plays a role in acrosome compaction and sperm morphogenesis. Is implicated in sperm-oocyte interaction during fertilization.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>