

## Product datasheet for **MR208803**

### **Ptbp1 (NM\_001077363) Mouse Tagged ORF Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Ptbp1 (NM_001077363) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Ptbp1
Synonyms:	AA407203; AL033359; HNRPI; pPTB; Ptb; PTB-1; PTB2; PTB3; PTB4
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**ORF Nucleotide Sequence:**

>MR208803 ORF sequence  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGACGGCATCGTCCCAGACATAGCAGTCGGTACAAAGCGGGATCCGACGAGCTTCTCCACGTGTG  
 TCAGCAACGGCCCTTCATCATGAGCAGCTCTGCCTCAGCAGCCAATGGAACGATAGCAAGAAGTTCAA  
 AGGTGACAACAGGAGCGCAGGAGTCCCTTCCAGAGTCATCCATGTCAGAAAGCTGCCAGCGATGCACT  
 GAGGGCGAGGTACTCTCCCTAGGGCTGCCCTTTGGAAAGGTTACCAACCTTCTCATGCTGAAGGGGAAGA  
 ACCAGGCCTTCATTGAGATGAACACAGAGGAGGCTGCCAACACTATGGTTAACTACTATACATCGGTGGC  
 GCCAGTGTCTCGTGGACAGCCATCTACATCCAGTTCTCCAACCACAAAGAGCTCAAGACCGACAGCTCG  
 CCCAACAGGCACGTGCCAGGCAGCCCTGCAGGCTGTAACCTCCGTCCAGTCTGGAAACCTGGCCTTGG  
 CAGCGTCCGCTGCTGCCGTGGATGCAGGAATGGCAATGGCAGGGCAGAGCCAGTGTCTCAGGATCATTGT  
 GGAAAACCTTTTCTACCCAGTGACCCTGGACGTGTGCACCAGATCTTCTCTAAGTTTGGCACCGTCTCTG  
 AAGATCATCACGTTACCAAGAACAACAGTTCAGGGCGCTGCTGCAATATGCTGACCTGTGAGCGCCC  
 AGCATGCCAAGCTGTCCCTGGATGGCCAGAACATCTACAACGCCTGCTGCACGCTGCGCATCGACTTCTC  
 CAAGCTCACAGTCTCAATGTCAAGTACAACAATGATAAGAGCAGAGACTACACTCGACCTGACCTGCC  
 TCTGGAGACAGCCAGCCTTCACTAGACCAGACCATGGCAGCAGCCTTTGGTGGCCCGGCATAATGTCAG  
 CCTCTCCGTATGCAGGAGCCGGGTTCCCTCCCACCTTTGCCATCCCTCAGGCCGACGGCCTCTGTCCC  
 TAATGTCCATGGAGCCTTGGCCCCCTGGCCATCCCGTCTGCTGCTGCTGCTGCTGCGGCCAGCCGATT  
 GCCATCCCAGGGTTGGCAGGTGCTGGGAATCTGTCTTTTGGTCAAGTCTGAACCTGAGAGAGTCA  
 CACCCAAAGCCTCTTTATTCTCTTCGGGCTACGGTGATGTGCAGCGGGTGAAGATCTGTTCAATAA  
 GAAGGAGAACGCACCTTGTGCAGATGGCAGACGGCAGCCAGGCCAGCTGGCCATGAGCCACCTGAACGGG  
 CACAAGCTGCACGGGAAGTCAGTGCATTACTGTCCAAGCATCAGAGTGTGCAGTGCCTCGGGAGG  
 GTCAGGAGGACCAGGCCTGACCAAGGACTATGGCAGCTCCCGCTGCACCGCTTCAAGAAACCAGGCTC  
 CAAGAACTCCAGAACATCTTCCACCCTCAGCTACCCTGCACCTCTCCAACATCCCGCCCTCTGTGTCA  
 GAGGACGACCTCAAGAGCCTCTTCTCCAGCAACGGTGGTGTGGTCAAAGGCTTCAAGTCTTCCAGAAGG  
 ACCGCAAGATGGCACTGATCCAGATGGGCTCTGTGGAGGAGGCTGTGCAGGCGTGATTGAAGTGCACAA  
 CCATGACCTGGGCGAGAACCACCACCTGCGAGTGTCTTTCCAAGTCCACCATC

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>MR208803 protein sequence  
 Red=Cloning site Green=Tags(s)

MDGIVPDI AVGTRKRSDEL FSTCVSNPFI MSSASAANGNDSKFKGDNRSAGVPSRVIHVRKLPDVT  
 EGEVISLGLPFGKVTNLLMLKGKNQAFIEMNTEEAANTMVNYTYSVAPVLRGQPIYIQFSNHKELKTDSS  
 PNQARAQAALQAVNSVQSGNLALAASAAVDAGMAMAGQSPVLRRIIVENLFPVTL DVLHQIFSKFGTVL  
 KIIITFTKNNQFQALLQYADPVSAQHAKLSLDGQNIYNACCTLRIDFSKLTSLNVKYNNDKSRDYTRPDL  
 SGDSQPSLDQTMAAAFGAPGIMSASPYAGAFPPTFAIPQAAGLSVPNVHGALAPLAIPSAAAAAAASRI  
 AIPGLAGAGNSVLLVSNLNPERVTPQSLFILFGVYGDVQRVKILFNKKNALVQADGSQAQLAMSHLNG  
 HKLHGKSVRITLSKHQSVQLPREGQEDQGLTKDYGSSPLHRFKKPGSKNFQNIFFPPSATLHLSNIPPSVS  
 EDDLKSLFSSNGGVVKGFKFFQKDRKMALIQMGVVEEAVQALIELHNHDLGENHHLRVFSKSTI

**TR**TRPLEQKLI SEEDLAANDILDYKDDDDKV

**Restriction Sites:**

Sgfl-MluI

Cloning Scheme:



ACCN: NM\_001077363

ORF Size: 1668 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:
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\\_001077363.2](#), [NP\\_001070831.1](#)

RefSeq Size: 3127 bp

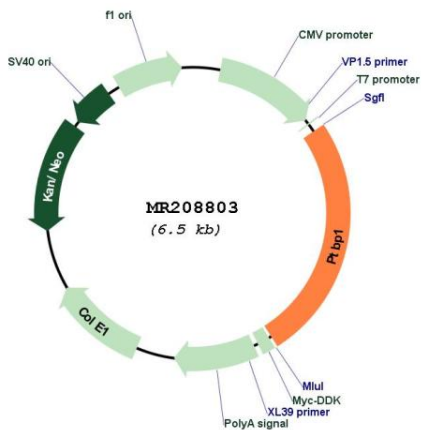
RefSeq ORF: 1668 bp

Locus ID: 19205

Cytogenetics: 10 39.72 cM

MW: 59.3 kDa

**Product images:**



Circular map for MR208803