

Product datasheet for **MR223224**

Ptbp1 (NM_008956) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ptbp1 (NM_008956) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Ptbp1
Synonyms:	AA407203; AL033359; HNRPI; pPTB; Ptb; PTB-1; PTB2; PTB3; PTB4
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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ORF Nucleotide Sequence:

>MR223224 representing NM_008956
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGACGGCATCGTCCCAGACATAGCAGTCGGTACAAAGCGGGATCCGACGAGCTTCTCCACGTGTG
 TCAGCAACGGCCCTTCATCATGAGCAGCTCTGCCTCAGCAGCCAATGGAACGATAGCAAGAAGTTCAA
 AGGTGACAACAGGAGCGCAGGAGTCCCTTCCAGAGTCATCCATGTCAGAAAGCTGCCAGCGATGCACT
 GAGGGCGAGGTCACTCCCTAGGGCTGCCCTTTGGAAAGTTACCAACCTTCTCATGCTGAAGGGGAAGA
 ACCAGGCCTTCATTGAGATGAACACAGAGGAGGCTGCCAACACTATGGTTAACTACTATACATCGGTGGC
 GCCAGTGTTCGTGGACAGCCATCTACATCCAGTTCTCCAACCACAAAGAGCTCAAGACCGACAGCTCG
 CCCAACAGGCACGTGCCAGGCAGCCCTGCAGGCTGTAACTCCGTCCAGTCTGAAACCTGGCCTTGG
 CAGCGTCCGCTGCTGCCGTGGATGCAGGAATGGCAATGGCAGGGCAGAGCCAGTCTCAGGATCATTGT
 GGAAAACCTTTTCTACCCAGTGACCCTGGACGTCTGCACCAGATCTTCTCTAAGTTTGGCACCGTCTGT
 AAGATCATCACGTTACCAAGAACAACAGTTCAGGGCGCTGCTGCAGTATGCTGACCCTGTGAGCGCCC
 AGCATGCCAAGCTGTCCCTGGATGGCCAGAACATCTACAACGCCTGCTGCACGCTGCGCATCGACTTCTC
 CAAGCTCACAGTCTCAATGTCAAGTACAACAATGATAAGAGCAGAGACTACACTCGACCTGACCTGCC
 TCTGGAGACAGCCAGCCTTCACTAGACCAGACCATGGCAGCAGCCTTTGGCCTCTCTGTCCCTAATGTCC
 ATGGAGCCTTGGCCCCCTGGCCATCCCGTCTGCTGCTGCTGCTGCTGCGGCCAGCCGATTGCCATCCC
 AGGTTTGGCAGGTGCTGGGAATTCTGTCTTTTGGTCAGCAATCTGAACCTGAGAGAGTCACACCCCAA
 AGCCTCTTTATTCTCTTCGGCGTCTACGGTGTGTGCAGCGGGTGAAGATCCTGTTCAATAAGAAGGAGA
 ACGCATTTGTGCAGATGGCAGACGGCAGCCAGCCAGCTGGCCATGAGCCACCTGAACGGGCACAAGCT
 GCACGGGAAGTCAGTGGCATTACACTGTCCAAGCATCAGAGTGTGCAGCTGCCTCGGGAGGGTCAGGAG
 GACCAGGGCCTGACCAAGGACTATGGCAGCTCCCCGCTGCACCGCTTCAAGAAACCAGGCTCCAAGAACT
 TCCAGAACATCTTCCACCCTCAGCTACCTGCACCTCTCCAACATCCC GCCCTCTGTGTGAGAGGACGA
 CCTCAAGAGCCTCTTCTCCAGCAACGGTGGTGTGGTCAAAGGCTTCAAGTTCTTCCAGAAGGACCGCAA
 ATGGCACTGATCCAGATGGGCTCTGTGGAGGAGGCTGTGCAGGCGCTGATTGAATGCACAACCATGACC
 TGGGCGAGAACCACCACCTGCGAGTGCCTTTTCCAAGTCCACCATC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR223224 representing NM_008956
 Red=Cloning site Green=Tags(s)

MDGIVPDIAVGTKRGSDELFTSCVSNPFI MSSSASAANGNDSKFKGDNRSAGVPSRVIHVRKLPDVT
 EGEVISLGLPFGKVTNLLMLKGKNQAF IEMNTEEAANTMVNYT SVAPVLRGQPIYIQFSNHKELKDSS
 PNQARAQAALQAVNSVQSGNLALAASAAAVDAGMAMAGQSPVLR IIVENLFYPTLVDLHQIFSKFGTVL
 KIIITFTKNNQFQALLQYADPVSAQHAKLSLDGQNIYNACCTLRIDF SKL TSLNVKYNNDKSRDYTRPDL
 S GDSQPSLDQTMAAAFGLSVPNVHGALAPLAIPSA AAAAAASRIAIPGLAGAGNSVLLVSNLNPERVTPQ
 SLFILFGVYGDVQRVKILFNKKNALVQ MADGSQAQLAMSHLNGHKLHGKSVRITLSKHQSVQLPREGQE
 DQGLTKDYGSSPLHRFKKPGSKNFQNI FPPSATLHL SNIPPSVSEDDLKSLFSSNGGVVKGKFFQKDRK
 MALIQMGSVEEAVQALIELHNHDLGENHHLRVSF SKSTI

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

ACCN:	NM_008956
ORF Size:	1587 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_008956.3 , NP_032982.2
RefSeq Size:	2871 bp
RefSeq ORF:	1590 bp
Locus ID:	19205
Cytogenetics:	10 39.72 cM
MW:	57.3 kDa