

Product datasheet for **MC200720**

Ptbp2 (NM_019550) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Tag Free
Symbol:	Ptbp2
Synonyms:	brPTB; nPTB; Ptb2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF:

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>BC010255 sequence for NM_019550
CGGACGCGTGGGCTCGCTGGCTGCGTGGCTCGGTTCTTGGGAGCGAAGCTTTGTCCGGTTCGGCAATGGA
CGGAATTGTCACTGAGGTTGCTGTTGGTGTGAAGAGAGGATCTGACGAGCTACTCTCAGGCAGTGTTCTC
AGCAGCCCCAACTCTAATATGAGTGGCATGGTAGTTACAGCCAACGGTAACGATAGTAAGAAATTTAAAG
GAGAAGATAAAATGGATGGGGCTCCCTCTCGTGTACTTCACATTTCGAAAGTTACCTGGTGAAGTGACTGA
AACAGAAGTTATTGCTTTAGGTTTACCTTTTGGTAAGGTGACTAACATCCTTATGCTGAAAGAAAAAAC
CAGGCATTTTGGAACTGGCAACAGAGGAAGCAGCTATTACTATGGTTAATTACTATTCTGCTGTGACAC
CTCATCTTCGTAACCAACCAATTTACATCCAGTACTCCAATCACAAGAACTAAAGACAGATAATACATT
AAACCAACGTGCGCAAGTAGTCTTCAAGCTGTGACAGCGGTCCAGACAGCAAAATACACCTCTTAGTGGC
ACCACAGTCAGTGAGAGTGGGTGACTCCAGCCAGAGTCCAGTACTTAGAATAATTATTGACAATATGT
ACTACCCTGTAACACTTGATGTCCTTCACCAAAATTTTTCTAAGTTTGGTGTGATTGAAGATAATCAC
ATTTACAAAAACAACCAAGTTTCAGGCTTTGCTCCAGTATGGTGATCCGGTAAACGCTCAACAAGCCAAG
CTAGCCCTAGATGGTCAAAATATTTATAATGCTTGCTGACCTAAGGATTGATTTTTCCAACTTGTGA
ATTTGAATGTAAAATACAACAATGATAAAAGTAGGGATTATACTCGACCTGATCTGCCATCTGGAGACGG
CCAGCCTGCGTTAGACCCAGCCATTGCTGCAGCATTGCAAGGAGACATCCCTACTAGCTGTTCCAGGG
GCTCTCAGTCCTTTGGCTATTCCAATGCTGCTGCAGCAGCTGCTGCCGCTGCCGCTGGCCGAGTGGGCA
TGCCTGGAGTCTCAGCTGGTGGCAATACAGTCCTGTTGGTTAGCAATTTAAATGAAGAGATGGTTACGCC
CCAAAGTCTGTTTACCCTCTTCGGTGTTTATGGAGATGTGCAGCGCGTGAAGATTCTGTACAATAAGAAA
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AGGATCTGCAACTCTGTTTGCCAACACCGGGGCACTGTGAAAGCATTTAAGTTTTTCAAGATCACAA
AATGGCTCTTCTTCAGATGGCAACAGTGGAGGAAGCTATTCAGGCTTTGATTGATCTTCATTAATTATAAC
CTTGGAGAAAACCATCATCTGAGAGTGTCTTTCTCAAGTCAACAATCTAAGCACGGGAGATGAAGATGG
CGGGCAGATCCCATTGTTGGTGTATCACCTATTGACTGTTTCAAGAAAGTGGGACCAAGTTGATTTT
TTTCATGCTGTTATCATTCCTTGGTTATAAAATGAAATGGCATATGTAAGGCAGAGTTGCTAACTGCTG
TGTTTCATCTGTTCAATAGGGAAGCCATTTTGTCTGTTTAAATTTTATGTTTAAATTTTGCTTTTTTTTT
TTTTCAACTTAGTTGACATACGTGCCTTACAAAGGAAAACTAGTGTGCTATTCTGCATTTACTAGGAA
AAAGGAATTGGTTGTTTAGGGCACATCGTTATGTGGGAATTTAAATATGTTTGGGCAGGGGTGTGTCAAA
AGGTTAAGTTTTTATTTCTCCTGCTTGGAACTTTCTTTGAATTATTGGCTTATCACATTTCTTTCTATTT
AATCTAATAAGATACTTGATACTGAGAGTATAAACAGCATTTTTAGTTTTTACTATCTTAGGCTTTATT
GCTTTTGAAAAATTGGCCTTTTGTATCTCACAATCTGGTCTAGATTCAAGTTATGAATGTAGGCATTAG
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AGTAATGCTCTGTTTGTGGCTGAATTTTTTGTAGATGTTTTTGAAGTTGACATGACTTACGTGCATTT
AAATATATATTGCCATCCTTAGTTTGAATTAAGATTGGAATTTGGTTGTGGATTTCTGAGCATGTGCA
GACTGGTCTAGTAGTTCAGGAAGTGGTGCATGTATTTTCAAGACAAAGAAAGTGTACTGCGAAAACT
TGCAGGAAGATTAAATTTGTGGCAGTTTTCTAAACTGACAACAGGTGGGACCAAGTTTATGTGCCTT
TAGTCTTAATTTACCTTGCAATTGTAATATTCAGTTTTAATAAATCTTCAAAATATTTTGTATTTAGGAAT
AGATCTGACTTTAATAAAAAACATGGCTCAGAATCTACAGGTCAAATTTATTTGAACAGTTCTTGTCAATC
TGAATTGTTGATTCTGTTAAATGACCAATACTTTTGAATTTGATGTACTTAGTTTCAAGATTATAGAT
TCTGTTATCTATGTAGACAGAAATGGTATGTATTTTCTATTAGTTGAGTTTTACATCTTTAGAAATG
TAAATTCAGTATAGTTTGAAGCGGCACAATTAATAATTTTCTAACAAAAAAAAAAAAAAAAAAAAA AAAAAA
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Restriction Sites:

RsrII-NotI

ACCN:

NM_019550

Insert Size:

1596 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:	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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	BC010255 , AAH10255
RefSeq Size:	3017 bp
RefSeq ORF:	1599 bp
Locus ID:	56195
UniProt ID:	Q91Z31
Cytogenetics:	3 G1
Gene Summary:	RNA-binding protein which binds to intronic polypyrimidine tracts and mediates negative regulation of exons splicing. May antagonize in a tissue-specific manner the ability of NOVA1 to activate exon selection. In addition to its function in pre-mRNA splicing, plays also a role in the regulation of translation.[UniProtKB/Swiss-Prot Function] 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.