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Product datasheet for MC200715

Ptbp3 (NM_144904) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ptbp3 (NM_144904) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ptbp3
Synonyms:	5830471K22Rik; AA407443; AI462022; AW107884; C86549; Rod1
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)

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Fully Sequenced ORF:

>BC006638 sequence for NM_144904

CTCTGACCGGCCGGAGCTGCGGAGCGGCTCCGCTCGCTGGTTTCCCGGAGCCGCCGCCCGCTTTCTCCGC
CCGCGGTGAGCCCGTCAATCCCCGCACAACGCGCTCCTCCATCTGGGCCATGGATGGTGTTGTTACAGAT
CTTATAGCAGTCGGTTTAAAGCGGGGATCTGATGAGCTTCTGTCTTCTGGTGTCATTAACGGACCTTCTA
CCATGAACAGCTCGACTTCTGCAGCTAATGGGAATGACAACAAGAAATTTAAAGGAGATAGACCTCCCTG
TTCGCCTTCCCGTGTTCTCCATCTTCGAAAAATTCCATGTGATGTCACCGAAGCAGAGGTCATATCATTA
GGTCTACCATTTGGCAAAGTAACTAATCTTTTGATGTTGAAAGGAAAAAGCCAGGCCTTTTTAGAAATGG
CTTCTGAAGAAGCTGCTGTTACTATGATAAATTATTACACTCCTGTTACTCCTCATCTTCGAAGTCAGCC
TGTTTATATCCAGTATTCCAATCACCGAGAACTTAAGACTGACAATCTGCCTAATCAGGCTAGAGCCCAA
GCTGCACTGCAGGCTGTCAGTGCAGTCCAGTCAGGAAACTTGTCCCTTCCTGGAGCTACTGCAAATGAAG
GCACATTGCTACCTGGGCAGAGCCCTGTGCTCCGGATAATTATTGAAAACCTATTTTACCCTGTCACTCT
GGAAGTTCTCCATCAGATATTTTCTAAATTTGGCACGGTGTTGAAGATTATCACCTTTACAAAGAATAAT
CAGTTTCAAGCCTTGCTTCAGTATGCCGACCCAGTGAATGCGCAGTATGCCAAAATGGCTCTGGATGGCC
AGAATATCTACAATGCGTGCTGCACTCTCCGTATTGACTTCTCCAAGCTCACCAGCCTTAATGTGAAATA
CAATAATGACAAAAGCAGAGACTTCACTCGCTTAGACCTTCCTACTGGTGACGGCCAGCCATCTCTTGAA
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CACACTTACCTCCTCTGCTGTCAGTGGAAGGATGGCCATTCCTGGGGCAAGTGGTATGCCTGGGAATTCT
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TGGAAGAAGCAATCCAGGCTCTTATTGAGCTTCACAATCATGACCTTGGAGAGAATCACCACCTCAGAGT
TTCCTTCTCAAAATCCACCATCTGACCTTCCCGTGAAATTGTCTCCTTATACTGGACCACAGTTTCTGTA
AGATCTTCAGGCACAGACTGAAGCAGCTCAAGACCATTTCTGCCTCTTCACAAAATAACTCTTCGGGAAT
TTGATATTCGAGAACAGTCAAAACAAGAGAGAGTCCTTTTCTTCCTCTCGTTTTCCCCAACAGTGTATGA
TCAAAAGTTTGCTTTGCCTTTGTATTGTGGTTTCTATGAAAATAACTTTCGGGGGGAAAAAATCAGGAAA
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GAGCAGCCTTACATGACATTTCTAAACTCCTTTGTACTTTGAGAAATTTAAACATACAGACTTTTACAAT
TTCTTGATGTAATTTAAATCACCTACAACCAAGTTTTTTTAACTTTATGATTCAGAAGTTTCCCTGTAGA
AAATGACATTCATTCACTTATAAAAATTATACCAGATATTTGCATCTATTGATAGTTATTATACATAACT
ACATGGAGATATATTGGAAACAGGTTTATAAACGTGCATGCTTTCTTTCAGATTTCTTTTTTCCCCCCAC
TGTAGCACACTCCTTTAAATAATGTCCATCTTCTCTTTTTAAGACCATTTGGAAAAGCAAAGTGTTGCAG
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TCAGGTCTATCATATGGTTTGACAGATTTTTTAAAAGTTATTTTTGGTAAGGTCTTCTTTTAGAAAAAAA
AATCTCAAGGGTTTTTTGTACCACTATAATCTCTAATACTCAGAATTACTGTGTATTTACTTAATTTCTT
ATTATGTGCCTTATTATGTGCTTAAGATACAATAGATTAGAATTTTATCTAAATATCTAGAAAGATAAAT
TGTGGGCTTGGTGAGCATTCTGTTATTTTTTCCTGTCTTGGATTTTAAGGGTTTTGGTTGTTTTTGTTTT
GTTTTTTTCTTTTTTTCTCGTTGCAATTTTAAGTGGTTTTCAATAAGTAATAGTTTCTACTCAGATTTTT
GGTGCTTTGGGATAGTGGTGGGATAGAGAAGGGTGAGTGGATTGGGAATAAATAACTCAGTGTGCACCTG
TAGGCCTCTCTAGGTTGGCTGCCGCCAGCCGTCAGGGAAGTCTGAGCTGTAGACCTGCAGACTCGGATCT
CTGTCTGTCTGCCTTCACTGCCCGTTAGATTTTGTCTCAGGATTACTTGATTCCTTCTCAGCACTCAAGT
GAGAACCTGATTTTCTCTGTTAATGCGACTTCATTACAGATAGCCCACATATTTGGAGTATGAGAAAGTG
GGTTATTTTTTTATATTCTGACCCTCTTACTTTTTTGGTTGAATGTAAAAAGTACATATTAATGTTGCTT
CAATGATTGTGTCATGTAAAATTACTTTTTAATATGAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI

ACCN:	NM_144904
Insert Size:	1563 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.
RefSeq:	BC006638, AAH06638
RefSeq Size:	3417 bp
RefSeq ORF:	1563 bp
Locus ID:	230257
UniProt ID:	Q8BHD7
Cytogenetics:	4 B3
Gene Summary:	RNA-binding protein that mediates pre-mRNA alternative splicing regulation. Plays a role in the regulation of cell proliferation, differentiation and migration. Positive regulator of EPO-dependent erythropoiesis. Participates in cell differentiation regulation by repressing tissue-specific exons. Promotes Fas exon 6 skipping. Binds RNA, preferentially to both poly(G) and poly(U) (By similarity).[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. CCDS Note: The coding region has been updated to extend the N-terminus to one that is also supported by available conservation data. The use of an alternative upstream start codon would result in a protein that is 31 aa longer.