

## Product datasheet for **SC336643**

### PTBP2 (NM\_001300989) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	PTBP2 (NM_001300989) Human Untagged Clone
Tag:	Tag Free
Symbol:	PTBP2
Synonyms:	brPTB; nPTB; PTBLP
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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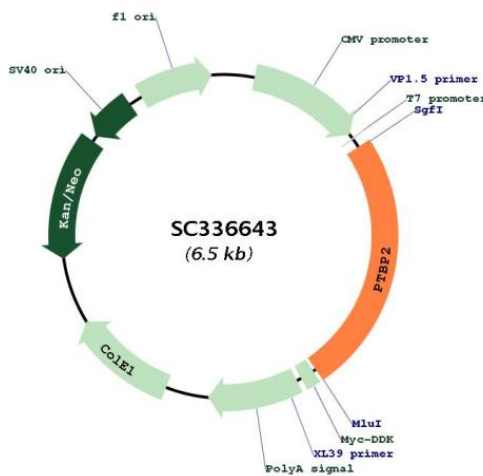
**Fully Sequenced ORF:** >SC336643 representing NM\_001300989.  
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
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CAGGCCTTGATTGATCTTCATAATTATAACCTGGAGAAAACCATCATCTGAGAGTGTCTTTCTCCAAG
TCAACAATTTAA
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGCGC
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**Restriction Sites:**

Sgfl-Mlul

**Plasmid Map:**



<b>ACCN:</b>	NM_001300989
<b>Insert Size:</b>	1599 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_001300989.1</a>
<b>RefSeq Size:</b>	3515 bp
<b>RefSeq ORF:</b>	1599 bp
<b>Locus ID:</b>	58155
<b>UniProt ID:</b>	<a href="#">Q9UKA9</a>
<b>Cytogenetics:</b>	1p21.3
<b>MW:</b>	57.6 kDa
<b>Gene Summary:</b>	<p>The protein encoded by this gene binds to intronic polypyrimidine clusters in pre-mRNA molecules and is implicated in controlling the assembly of other splicing-regulatory proteins. This protein is very similar to the polypyrimidine tract binding protein (PTB) but most of its isoforms are expressed primarily in the brain. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2014]</p> <p>Transcript Variant: This variant (5, also known as nPTB2 or PTBLP-L) uses an alternate in-frame splice site in the 3' coding region, compared to variant 1. The encoded isoform (5) is shorter than 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>