

## Product datasheet for **MR215286**

### Pbsn (NM\_017471) Mouse Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Pbsn (NM_017471) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Pbsn
Synonyms:	PB; Prbs
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR215286 representing NM_017471 Red=Cloning site Blue=ORF Green=Tags(s)

TTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGC**

ATGATGAGGGTCATCATCCTCCTGCTCACAATGCATGTGCTAGGCGTCTCCAGTGTGATGAGTCTCAAAA  
 AGAAGATTGACGGGCCTTGGCAAACAATTTACTTAGCTGCCAGTACCATGGAAAAGATAAATGAAGGCTC  
 ACCATTGAGAACCTACTTCCGTCACATTTGTGTGGGAGGAGATGCAACCAAGTCTACCTCTATTTTTTT  
 ATTAAGAAAGGGACTAAGTGCCAACTGTATAAAGTCATAGGAAGGAAAAACAAGAAGTTTACTATGCAC  
 AGTATGAAGGGAGCATAGCATTATGTTAAAGATGGTAAATGAGAAGATATTGTTGTTTCATTATTTTAA  
 CAAGAACAGAAGAAATGATGTCACACGAGTGGCTGGAGTTTTGGCAAAAGGCAAACTGAATAAGGAG  
 GAGATGACGGAGTTCATGAACCTAGTGAAGAAATGGGCATTGAGGAAGAGAATGTACAGCGTATCATGG  
 ACACGGACAACCTGTCCAAGCAAGATCAAACCT

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

Chromatograms: [https://cdn.origene.com/chromatograms/mm9050\\_h03.zip](https://cdn.origene.com/chromatograms/mm9050_h03.zip)

Restriction Sites: Sgfl-MluI



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### Cloning Scheme:



ACCN: NM 017471

ORF Size: 522 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).

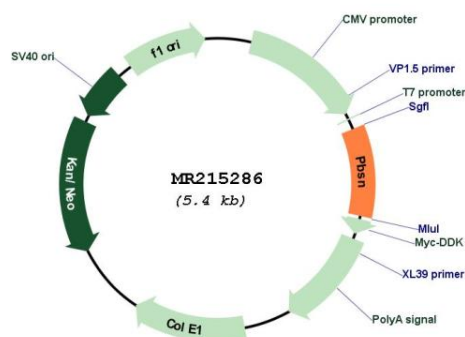
**Reconstitution Method:**

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.

**Note:** Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: NM\_017471.2, NP\_059499.1  
 RefSeq Size: 805 bp  
 RefSeq ORF: 525 bp  
 Locus ID: 54192  
 UniProt ID: O08976  
 Cytogenetics: X B  
 MW: 20.8 kDa

## Product images:



Circular map for MR215286