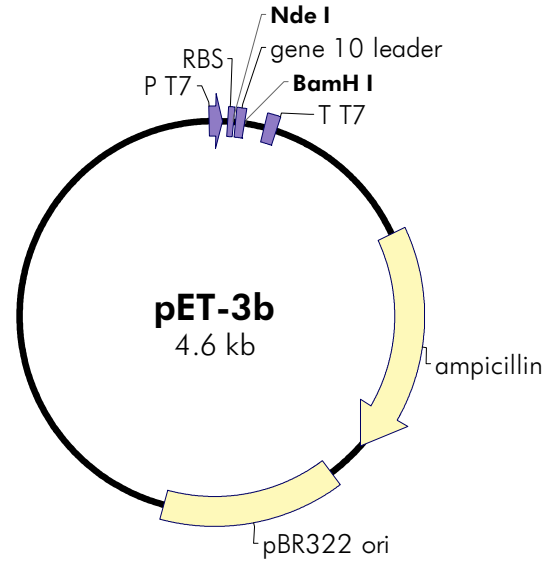


**T7 promoter** 1–19  
**ribosome binding site** 66–72  
**Nde I cloning site** 78–83  
**T7 gene 10 leader** 81–113  
**BamH I cloning site** 116–121  
**T7 terminator** 190–236  
**ampicillin resistance (*bla*) ORF** 839–1696  
**pBR322 origin** 1847–2514



**pET-3b Cloning Site Region**  
 sequence shown (66–122)

GAAGGAGATATACAT ATG GCT AGC ATG ACT GGT GGA CAG CAA ATG GGT CGG GAT CCG  
 Nde I BamH I  
 RBS M A S M T G G Q Q M G R D P  
 START T7 gene 10 leader peptide