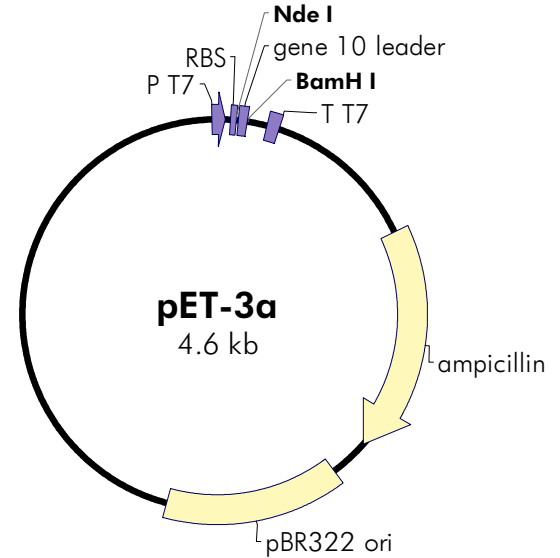


T7 promoter 1–19
ribosome binding site 66–72
Nde I cloning site 78–83
T7 gene 10 leader 81–113
BamH I cloning site 117–122
T7 terminator 191–237
ampicillin resistance (*bla*) ORF 840–1697
pBR322 origin 1848–2515



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

GAAGGAGATATACAT ATG GCT AGC ATG ACT GGT GGA CAG CAA ATG GGT CGC GGA TCC
 Nde I BamH I
 M A S M T G G Q Q M G R G S
 RBS START T7 gene 10 leader peptide