



**Comments for pET102/D-TOPO®
6315 nucleotides**

- T7 promoter: bases 209-225
- T7 promoter priming site: bases 209-228
- lac* operator (*lacO*): bases 228-252
- Ribosome binding site (RBS): bases 282-288
- His-patch (HP) thioredoxin ORF: bases 298-627
- TrxFus forward priming site: bases 607-624
- EK recognition site: bases 643-657
- TOPO® recognition site 1: bases 670-674
- Overhang: bases 675-678
- TOPO® recognition site 2: bases 679-683
- V5 epitope: bases 700-741
- Polyhistidine (6xHis) region: bases 751-768
- T7 reverse priming site: bases 822-841
- T7 transcription termination region: bases 783-911
- bla* promoter: bases 1407-1505
- Ampicillin (*bla*) resistance gene (ORF): bases 1506-2366
- pBR322 origin: bases 2511-3184
- ROP* ORF: bases 3552-3743 (complementary strand)
- lacI* ORF: bases 5055-6146 (complementary strand)