

pQE-TriSystem His-Strep 1 Vector

Positions of elements in bases

Vector size (bp)	5760
CMV immediate early enhancer region	1–365
Chicken actin promoter region	371–648
Transcription start of chicken actin promoter	649
T5 promoter/lac operator element	1069–1122
Transcription start of T5 promoter	1123
p10 promoter region	1139–1252
Transcription start of p10 promoter	1183–1184
Shine–Dalgarno sequence	1255–1260
Multiple cloning site (<i>Nco</i> I – <i>Pml</i> I)	1265–1372
<i>Strep</i> -tag coding sequence	1381–1404
8xHis tag coding sequence	1411–1434
Rabbit globin termination region	1614–1728
T7 transcriptional termination region	1732–1779
ORF 1629 (baculovirus recombination region)	1792–3250
pUC origin of replication	3410
β -lactamase coding sequence	4013–4870
<i>lef2</i> / ORF 603 (baculovirus recombination region)	4938–5760



