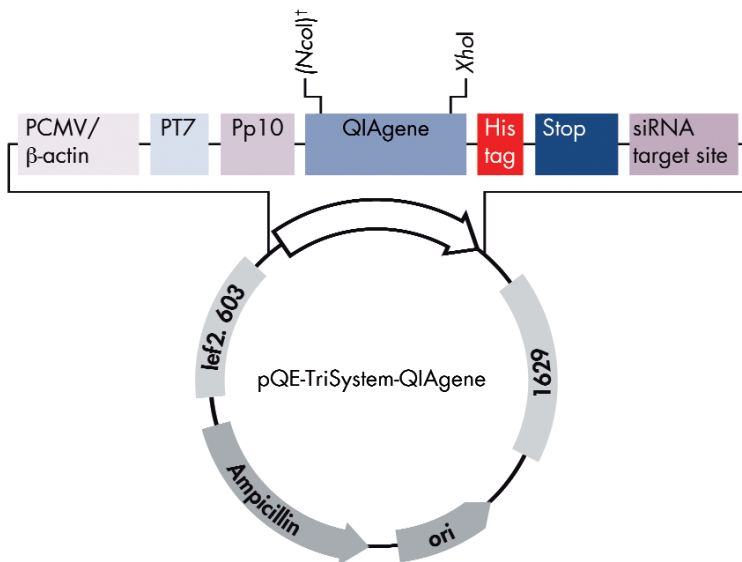


# pQE-TriSystem 6 vector with cloned QIAgene\*

## Positions of elements in bases

|                                  |           |
|----------------------------------|-----------|
| Vector size (bp)                 | 5223*     |
| CMV ie enhancer region           | 1079–1443 |
| Chicken actin promoter region    | 1449–1726 |
| Vertebrate transcription start   | 1727      |
| T7 promoter                      | 2150–2166 |
| T7 transcription start           | 2167      |
| lac operator                     | 2171–2191 |
| p10 promoter region              | 2205–2318 |
| p10 transcription start          | 2249–2250 |
| *His-Tag coding sequence         | 2336–2365 |
| *Stop Codon                      | 2366–2371 |
| *siRNA target site               | 2380–2398 |
| *Rabbit globin terminator region | 2516–2721 |
| *T7 terminator                   | 2727–2773 |
| *pUC origin                      | 3702      |
| *bla coding sequence             | 4293–5161 |



\* Positions in vector are given before cloning a QIAgene and will vary in QIAgene expression constructs.

† Only if coding sequence starts with ATG GNN.

# pQE-TriSystem 6 vector with cloned QIAgene

## Cloning/expression region

TTTGTGTTAAAAATAACAGCCATTGTAATGAGACGCACAACTAATATCACAACTGGAATGTCTATCAATATATAGTTGCTGATGGCCGGCCGTAATGAGACGCACAAAC  
TAATATCCAACTGGAATGTCTATCAATATATAGTTGCTCTAGTTATAATAGTAATCAATTACGGGGTCATTAGTTCATAGCCCATATATGGAGTTCGCGGTACATAACTACGTAATG  
GCCCCCTGGCTGACCGCCCAACGACCCCCGCCATTGACGTCAATAATGACGTATGTTCCCATAGTAACGCCAATAGGGACTTCCATTGACGTCAATGGGTGGAGTATT  
TACGGTAAACTGCCCACTTGGCAGTACATCAAGTGTATCATATGCCAAGTACGCCCTTATTGACGTCAATGACGGTAAATGGCCCGCTGGCATTATGCCCAGTACATGACCT  
TATGGGACTTTCCTACTTGGCAGTACATCTACGTATTAGTCATCGCTATTACCATGCATGGTCGAGGTGAGCCCCACGTTCTGCTTCACTCTCCCCATCTCCCCCTCCCCACCC  
CCAATTTTGTAATTTATTTATTTTAAATTTTGTGTCAGCGATGGGGCGGGGGGGGGGGGGGGCGCGCCAGGCGGGGCGGGGCGGGGCGA  
GGGGCGGGGCGGGGCGAGGCGGAGAGGTGCGGCGGCAGCCAATCAGAGCGGCGCGCTCCGAAAAGTTTCTTTTATGGCGAGGCGGGCGGGCGGGCGCC  
TATAAAAAGCGAAGCGCGCGGGCGGGGAGTGCCTGCGCGCTGCCCTCGCCCCGTGCCCGCTCCGCCGCCCTCGCGCCGCCCGCCCCGGCTCTGACTGAC  
CGCGTACTCCACAGGTGAGCGGGCGGGACGGCCCTTCTCCTTCGGGCTGTAATTAGCGCTTGGTTAATGACGGCTTGTCTTTTCTGTGGCTGCGTGAAAGC  
CTTGAGGGGCTCCGGGAGGGCCCTTGTGCGGGGGAGCGGCTCGGGGCTGCCGCGGGGGACGGCTGCCCTCGGGGGGACGGGGCAGGGCGGGGTTCC  
GCTTCTGGCGTGTGACCGGGGCTCTAGAGCCTTGCTAACCATGTTTCATGCCTTCTTCTTTTCTACAGCTCCTGGGCAACGTGCTGGTATTGTGCTGTCTCATCATTG  
GCAAAGAATTGGATCGGACCGAAATTAATACGACTCACTATAGGGGAATGTGAGCGGATAACAATCCCCGGAGTAAATCCGGGACCTTAAATCAACCCAACAAATATAT  
TATAGTAAATAGAAATTATATCAAATCATTGTATATTAATAAACTATACTGTAATACATTTTATTACAATCAAAGGAGATATACC  
ATG[QIAgeneExpressionConstruct\*]CACCACCACCATCACCATCATCACCACCAC TAGTGACTCGAGAAGCGTTGAAATAGCGTACAAGTCGAGCACCACCATCACCAT  
CACCATCACTAAGTGATTAACCTCAGGTGCAAGGCTGCCTATCAGAAGGTGGTGGCTGGTGTGGCCAATGCCCTGGCTCACAAATACCACTGAGATCGATCTTTTCCCT  
CTGCCAAAATTATGGGACATCATGAAGCCCCTTGAGCATCTGACTTCTGGCTAATAAAGGAAAATTTATTTTCATTGCAATAGTGTGTTGGAATTTTTGTGCTCTCACTCGGAAG  
GACATATGGGAGGGCAAATCATTAAAACATCAGAATGAGTATTTGGTTAGAGTTTGGCAACATATGCCCATATGTAAGTACGATAACCCCTTGGGGCCTCTAAAC  
GGGTCTTGAGGGGTTTTTGTGAAAGCATGCGGAGGAAATTCCTTGAAGTTTCCCTGGTGTCAAAGTAAAGGAGTTGCACCAGACGCACCTCT  
GTTCACTGGTCCGGCGTAT