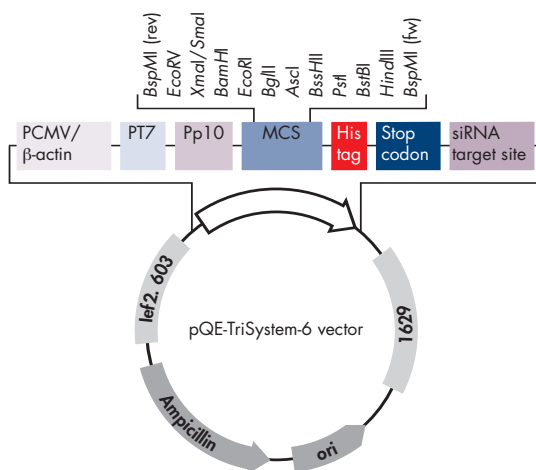


pQE-TriSystem-6 vector

Positions of elements in bases

Vector size (bp)	5303
CMV ie enhancer region	1079-1443
Chicken β -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
10x His-tag coding sequence	2415-2444
Stop codon	2445-2450
siRNA target site	2459-2477
Rabbit globin terminator region	2595-2800
T7 terminator	2806-2852
pUC origin	3781
bla coding sequence	4372-5240



pQE-TriSystem-6 vector: Cloning/expression region

TTTGTGTAAAAATAACAGCCATTGTAATGAGACGCACAACTAATATCACAAACTGGAAATGTCTATCAATATAGTTGCTGATGGCCGGCCGTAATGAGACGCA
CAAATAATATCACAAACTGGAAATGTCTATCAATATAGTTGCTCTAGTTATTAATAGTAATCAATTACGGGGTCATTAGTTCATAGCCCATATATGGAGTTCGCGGTTA
CATAACTTACGGTAAATGGCCCGCTGGCTGACCGCCCAACGACCCCGCCATTGACGTCAATAATGACGTATGTTCCCATAGTAACGCCAATAGGGACTTTC
CATTGACGTCAATGGGTGGAGTATTTACGGTAAACTGCCCACTTGGCAGTACATCAAGTGTATCATATGCCAAGTACGCCCCCTATTGACGTCAATGACGGTAAATGGCC
CGCCTGGCATTATGCCAGTACATGACCTTATGGGACTTTCCTACTTGGCAGTACATCTACGTATTAGTCATCGCTATTACCATGCATGGTCGAGGTGAGCCCCACGTTCT
GCTTCACTCTCCCCATCTCCCCCCCTCCCCACCCCAATTTTGTATTTATTTTAAATTTTGTGCAGCGATGGGGGGCGGGGGGGGGGGGGGGCGCGCGCCA
GGCGGGGGCGGGGGCGAGGGGCGGGGGCGGGGGCGAGGCGGAGAGGTGCGGGCCAGCCAATCAGAGCGGGCGCTCCGAAAGTTTCTTTTATGGC
GAGGCGGGCGGGCGGGCCCTATAAAAAGCGAAGCGCGGGCGGGCGGAGTGCCTGCGCGCTGCCTTCGCCCCGTGCCCCGCTCCGCCCGCGC
CTCGCGCCCGCCCGGGCTCTGACTGACCGCGTACTCCACAGGTGAGCGGGCGGGACGGCCCTTCTCCTCGGGCTGAATTAGCGCTTGTTAATGACG
GCTTGTCTTTCTGTGGCTGCGTAAAGCCTTGAGGGCTCCGGGAGGGCCCTTGTGCGGGGGGAGCGGCTCGGGGCTGCCGCGGGGGGACGGCTGC
CTTCGGGGGGGACGGGGCAGGGCGGGGTTGCGCTTCTGGCGTGTGACCGGGCTCTAGAGCCTCTGCTAACCATGTTTCATGCCTTCTTTTCTACAGCTC
CTGGGCAACGTGCTGTTATTGTCTCATCTTTGGCAAAGAATTGGATCGGACCGAAATTAATACGACTCATATAGGGGAATTGTGAGCGGATAACAAT
CCCCGAGTAATCCGGACCTTAATCAACCCAAACAATATATAGTAAATAAGAATTATTATCAAATCATTTGTATATTAATAAAATACTACTGTAAATTA
CATTTTATTACAATCAAAGGAGATATACCATGATATGCAGGTGATATCCCGGGTGGATCCGAATTCTCAGATCTCGGC GCGCTGCAGGGTTTCAAGCTTACCTGTATA
TAGTGACTCGAGAAGCGTTGAAATAGCGTACAAGTGCAGCACCACCATCACCATCACCATCACTAAGTGATTAAC
CTCAGGTGCAGGCTGCCTATCAGAAGGTGGTGGCTGGTGGCCAATGCCCTGGCTCACAAATACCACTGAGATCGATCTTTTCCCTCGCCAAAAATTATGGGGACAT
CATGAAGCCCTTGAGCATCTGACTTCTGGCTAATAAAGGAAATTTTTCATTGCAATAGTGTGGAAATTTTGTGTCTCTACTCGGAAGGACATATGGGAGGGCAAAT
CATTAAACATCAGAATGAGTATTTGTTTGTAGAGTTGGCAACATATGCCCATATGTAAC TAGCATAACCCCTTGGGGCTCTAAACGGGTCTTGAGGGGTTTTTTC
CTGAAAGCATGCGGAGGAAATTCCTTGAAGTTTCCCTGGTGTCAAAGTAAAGGAGTTGCACCAGACGCACTCTGTTCACTGGTCCGGCGTAT

CMV ie enhancer region
CMV ie enhancer region
CMV ie enhancer region
Chicken β-actin promoter region
Chicken β-actin promoter region
Chicken β-actin promoter region
Vertebrate transcription start
T7 promoter / T7 transcription start lac operator
p10 promoter region / p10 transcription start
10x His tag coding sequence Stop codon siRNA target site
Rabbit globin terminator region
Rabbit globin terminator region
T7 terminator