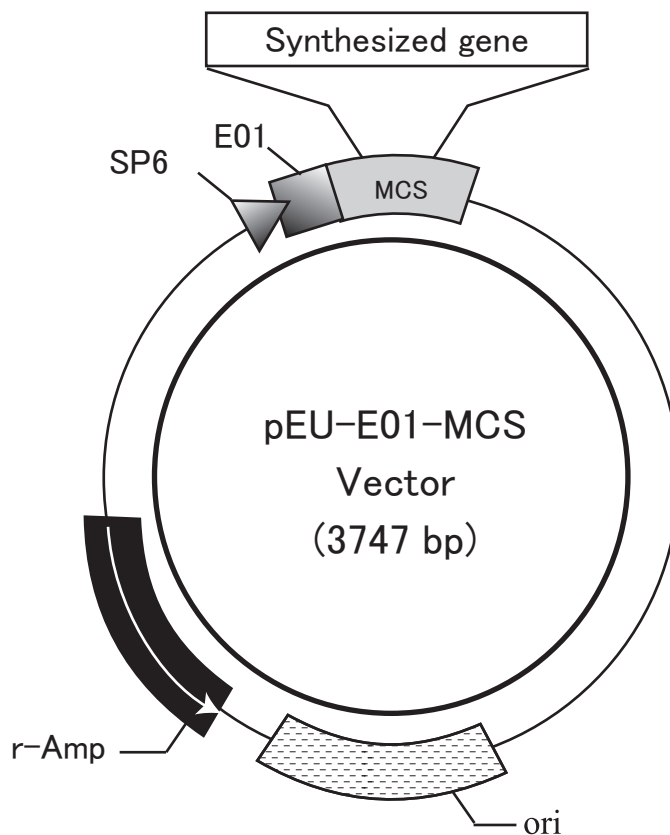


Expression vector for wheat germ cell- free protein expression : pEU-E01-MCS



クローニングサイト

SP6 promoter

Translational Enhancer (E01)

ATTTAGGTGACACTATAGAACTCACCTATCTCCCCAACACCTAATAACATTCAATCACTCTTTCCACTAACCACCTAT

CTACATCACCAAGATATCACTAGTTCTCGAGCTCGGTACCTGTCCGCGGTGCGACGTACGCGGGCGGGCGCCATAA

EcoRV

XhoI

KpnI

NotI

SpeI

SacI

ATTGGATCCATATATAGGGCCCGGGTTATAATTACCTCAGGTGACGTCCCATGG

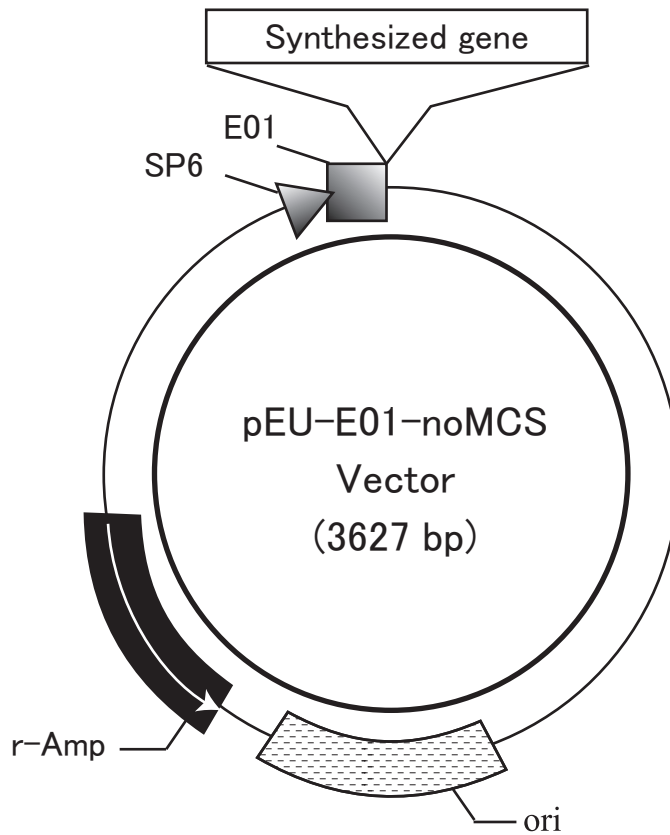
BamHI

SmaI

SalI

NcoI

Expression vector for wheat germ cell- free protein expression (non-MCS) : pEU-E01-noMCS



クローニングサイト

SP6 promoter → Translational Enhancer (E01)

ATTTAGGTGACACTATAGAACTCACCTATCTCCCAACACCTAATAACATTCAATCACTC

TTTCCACTAACCACCTATCTACATCACCAA / TTTTGTATAGAATTTACGGCTAGCGCCGGA

>pEU-E01-noMCS:Complete_Sequence

atttaggtgacactatagaactcacctatctccccaacacctaataacattcaatcactcttccactaaccacctatctacatcaccaattttgtatagaatttacggctagcgcgggatgcgacgccggtgcgctgttatccggccttctatatcaggcgggttta
agacgccgcgcgttcgccaaatccttatgcgggttcgacgactggacaaaatactgtttatcttccagcgcaggcagggttaattgtaccaccocagcagcgcgggtatccagcgcgtatatacctccggcgtagcctttgccctccagcgcgtccagtgacca
aggcggatgctgtattcttcagcgacaggccagggaatcgcaaacccaggtttcagtggggcaggggcccttccggcgattcttactagctagtatgcatagggtgctgaaatataaagtttgtttctaaacacacgctgggtacgtacgataacgtacagtgttttcc
tccacttaaatgaaagggtagtgtcttgagcgcgcggagtaaacatatatggttcatatatgtccgtaggcacgtaaaaaagcgagggttcgaattccccggaacccccgggttggggccacgcctcgatcgagcaaaaaaaaaaaaaagaaaaaaa
aaaaaaaaagotttccgcgcgcagcttggcgtaatcatggtcatagctgtttcctgtgtgaattgttatccgctcacaattccacacacatacagcggcgaagcataaagtgtaaagcctgggggtcctaagtgtgagctaaactcacattaattgcgttgcgctca
ctgccgccttccagtcgggaaacctgtcgtgcagctgcattaatgaatcgccaacgcgcggggagaggcggttgcgtattggcgctcttccgcttctcactcactgactcgcctgcgctggctcgtcggcgagcgggtatcagctcactcaaggcg
gtaatacgggttatccacagaatcaggggataacgcaggaaagaacatgtgagcaaaaggccgcaaaaggccaggaaaccgtaaaaggccggttgcgtggcgtttttccataggctccgccccctgacgagcatcaaaaaatcgacgtcaagtcagaggtgg
cgaaacccgacaggactataaagataccaggcgtttccccctggaagctccctcgtgcgctctcctgttccgacctgcgccttaccggatacctgtccgctttctccttccgggaagcgtggcgctttctcatagctcacgctgtaggtatcagttcgggttagg
tcgttcgctccaagctgggctgtgtgcacgaacccccgttcagcccgacctgcgccttatccggtaactatcgtcttgagtcgaacccggtaagacacgacttatcgccactggcagcagccactggtaacaggattagcagagcgggtatgtagcgggtgct
acagagttcttgaagtgggtgacctaaactacggctacactagaagaacagtatttgggtatcgtcgtcgtgaagccagttaccttcggaaaaagagttggtagctcttgatccggcaaaacaaaccaccgctggtagcgggtgtttttgttgcagcagcagattacg
cgcaaaaaaaaggatctcaagaagatcctttgatctttctacggggctgcagcgtcagtggaacgaaaactcagttaaagggttttgggtcatgagattatcaaaaggatcttcacctagatcctttaataaaaaatgaagttttaaataaagtatatatg
agtaaaacttggtcgtgacagttaccaatgcttaacagtgaggcacctatctcagcgtatcgtctatcttctcatccatagttgcctgactccccgtcgtgtagataactacgatacggggagggttaccatctggccccagtgctgcaatgataccgagagccacg
ctcaccggctccagatttatcagcaataaacccagcagccgggaaggccgagcgcagaagtggtcctgcaactttatccgctccatccagcttattaattgttgcgggaagctagagtaagtagttgcaggttaatagtttgcgcaacgttgttccattgctaca
ggcatcgtgggtgcacgctcgtcgttttggtatggcttattcagctccggttcccaacgatcaaggcggagttacatgatccccatgttgtcaaaaaagggttagctccttcggtcctccgatcgttgcagaagtaagttggcccgagtggtatcactcatggttatg
gcagcactgcataattcttactgtcatgccatccgtaagatgctttctgtgactggtgagtaactcaaccaagtcattctgagaatagcgtatcggcgacccagttgctcttgcggcgctaatacgggataataccgcgccacatagcagaactttaaaagtct
catcattggaaaaagttcttcggggcgaaaaactctcaaggatcttaccgctgttgagatccagttcgtatgaaccaactcgtgcaccaactgatcttcagcatcttttactttaccagcgtttctgggtgagcaaaaacagggaaggcaaaatccgcgaaaaaggga
ataaggggcgcacgggaaatgttgaatactcatactcttcttttcaatattattgaagcatttatcagggttattgtctcatgagcggatacatatttgaatgtatttagaaaaataaacaataagggggttccgcgcacatttcccgaaaagtgcacctgacgtctaag
aaaccattattatcatgacattaacctataaaaataggcgatcacgaggccctttcgtctcgcgcgtttcgggtgatgacggtgaaaaacctctgacacatgcagctcccgagagcggtcacagcttgcgtgaagcggatccggggagcagacaagcccgtagggcg
cgtcagcgggtgttggcgggtgtcggggctggccttaactatcgcgcatcagagcagattgtactgagagtgcaacattcgcgcctcctccttatgcgactcctgcattagggaagcagccagtagtaggttgaggcgttgagcaccgcgcgcaaggatggtgca
tgcaaggagatggcggcccaacagtcccccggccacggggcctgccaccataccacgcggaaacaagcgtcatgagcccgaaaggcggagcccgatcttcccatcgggtgatgtcgggatataggccagcaaccgcaccttggtgcgcgggtgatccgg
ccacgatgctccggcgtagaggatctggctagcgtgacccctgctgattggttcgtgaccatttccgggtgcgggacggcgttaccgaaactcagaaggttcgtccaaccaaacccgactctggcggcagtttacgagagagatgtagggctcgttccagtaagc
cagatgctacacaattaggccttgatcatactgtcgttagaacgcggctacataataacataaaccttatgtatcacacatacg