

ACES™ Plasmid Sequence



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pAES40 YebF Export Vector
Catalog Number: 0149-40

MCS of pAES40: [YebF coding sequence is 5' to the XhoI site.]

XhoI EK Site KpnI BamHI XbaI SalI PstI SmaI NcoI
CTC GAG GAC GAT GAC GAT AAG GGT ACC GGA TCC TCT AGA GTC GAC CTG CAG CCC GGG CCA TGG GCG

NotI SacI His-Tag Stop HindIII
GCC GCA GAG CTC CAC CAC CAC CAC CAC CAC TAA AAGCTT

Coding Sequence of YebF-MCS-His Tag:

atgaaaaaaagaggggctgttttagggctgttgggttctgcctgcatcagtttctgctgccaataatgaaaccagcaagtgcgtc
M K K R G A F L G L L L V S A C A S V F A A N N E T S K S V
actttcccaaagtgtgaagatctggatgctgccggaattgccgagcgtaaaacgtgattatcaacaaaaatcgcggtggcggttgggca
T F P K C E D L D A A G I A A S V K R D Y Q Q N R V A R W A
gatgatcaaaaaattgtcggtcaggccgatcccgtggcttgggtcagtttgcaggacattcagggtaaagatgataaattggctcagtcacg
D D Q K I V G Q A D P V A W V S L Q D I Q G K D D K W S V P
ctagccgtgctggtaaaagtgccgatattcattaccaggtcagcgtggactgcaaagcgggaatggcggaaatcagcggcgtctcgag
L A V R G K S A D I H Y Q V S V D C K A G M A E Y Q R R L E
gacgatgacgataagggatcccgatcctctagagtcgacctgcagccgggcatggcgccgagagctccaccaccaccaccacc
D D D D K G T G S S R V D L Q P G P W A A A E L H H H H H H

pAES40 Vector Sequence:

GAATTCATGAAAAAAGAGGGCGTTTTTAGGGCTGTTGTTGGTTTTCTGCCTGCGCATCAGTTTTTCGCTGCCAATAATGAAACCAGCAAGTCGGTCACTTTCCCAAAGTGTGAA
GATCTGGATGCTGCCGAATGCCGCGAGCGTAAAACGTGATTATCAACAAAATCGCGTGGCGCTTTGGGCGAGATGATCAAAAATTTGTCGGTCAGGCCGATCCCGTGGCTTGG
GTCAGTTTGCAGGACATTCAGGGTAAAGATGATAAATGGTCAGTACCGCTAGCCGTGCGTGGTAAAAGTGCAGATATTATTACCAGGTCAGCGTGGACTGCAAGCGGGGAATG
CGGAATATCAGCGCGCTCTCGAGGACGATGACGATAAGGGTACCGGATCCTCTAGAGTCGACCTGCAGCCCGGGCCATGGGCGGGCCGAGAGCTCCACCACCACCACCACC
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GCAGCCGAACGACCGAGCGCAGCGAGTCACTGAGCGAGGAAGCGGAAGAGCGCCTGATGCGGTATTTTTCTCCTTACGCATCTGTGCGGTATTTTACACCGCACGAACGCCAGCA
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ATGGTTTTGTGAAAACCGGACATGGCACTCCAGTCCGCTCCCGTTCCGCTATCCGCTATCCGCTGAATTTGATTTGATTTGACATTTGACAACTGACGCAACCGCGCGAG
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TTGCGACGGCGCTGCAGGGCCAGACTGGAGGTGGCAACGCCAATCAGCAACGACTGTTTTGCCCGCCAGTTGTTGTGCCACGCGGTTGGGAATGTAATTCAGCTCCGCCATCG
CCGCTTCCACTTTTTCCCGGTTTTTGCAGAAAACGTTGGCTGGCTGGTTACCACCGCGGAAACCGGTCTGATAAGAGACACCGGCATACTGCGACATCGTAACTGCTACT
GGTTTCCACTTACCACCGGACTGACTTCTCCGGGCGCTATACGCCATACCGCGAAAGTTTTGACCATTTGACATTTGATGTTCAACGTAATTTGACAACTGACGCTTCCGCTTCGCGC
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AATGTGTGGAATTTGAGCGGATAACAATTTACACAGGAAACAGAATTAGGAGata