

ENFINIA™ Plasmid DNA

Elegen SUMO-Strep-pNUC-Kan Standard Vector

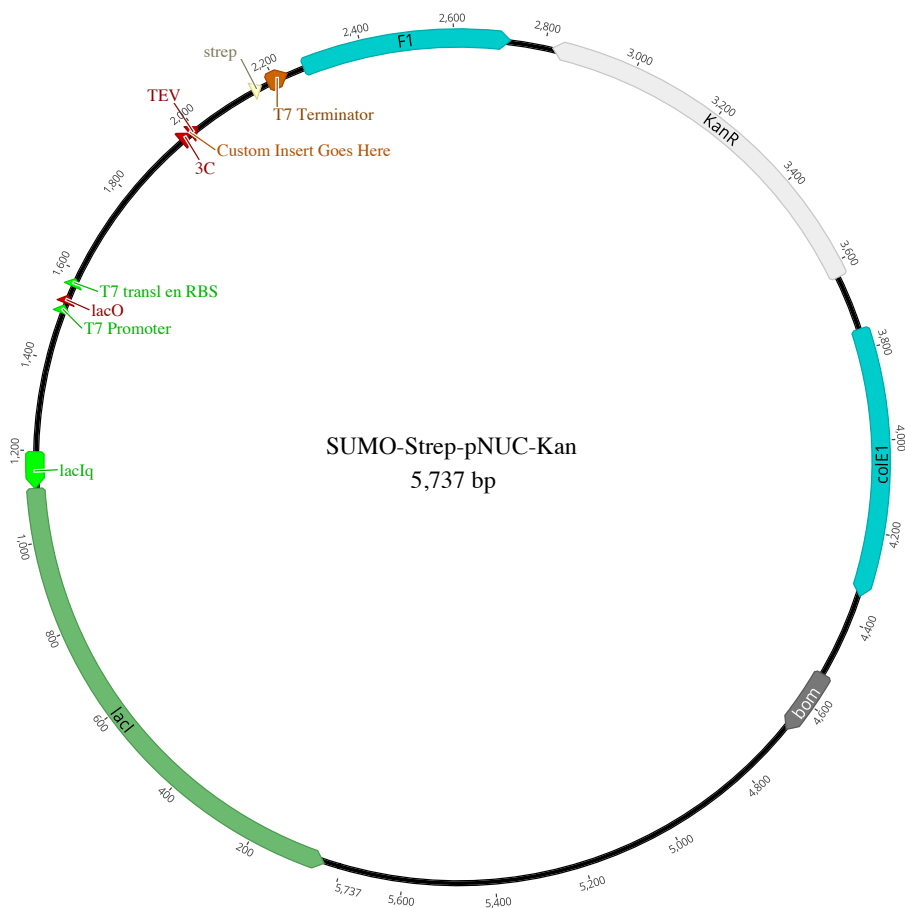
FEATURES

3' Flanking Sequence	GAGAACCTGTACTTCCAGAGCGGTG		
5' Flanking Sequence	GCTCGAGGTTCTGTTCCAAGGACCT		
Origin of Replication	pBR322		
Resistance Marker	Kan		
Max Insert Length	12263		
Backbone Length	5737		
Copy Number	Low		
Expected Minimum Yield	Mini-prep: 50 ng	Midi-prep: 10 µg	Maxi-Prep: 100 µg

SEQUENCE

GAGAACCTGTACTTCCAGAGCGGTGGTGGAGGAGCGGTGGGGAGGCTCTGGGGAGGAGGAAGCGGTGAAACCATCCAGTTACAAGAACACGCGGTGCCAAATATTTCCAGGAAGAGCGGTGCCAAGGAG-GCGGCGCGAAAAGAGCGCGTCAAAAATGGAGTCATCTCAGTTTCAAAAATAAATGATTGACTAGCATACCCCTTGGGGCTCTAAACCGGTCTTGAGGGGTTTTTGTCTGAAAGGAGGAACATATATCCG-GATTGGCGAATGGGACGCGCCTGTAGCGGCGCATTAAAGCGCGCGGTGTGGTGGTTACGCGCAGCGTGACCGTACACTTGGCAGCGCCTAGCGCCGCTCTTTCGCTTTCTTCCCTTCTTCTCGCCAC-GTTCGCGCGCTTCCCGCTCAAGCTCTAAATCGGGGCTCCCTTTAGGGTTCGATTAGTGCTTTACGGCACCTCGACCCCAAAAACCTTGATTAGGGTGATGGTTCACGTAGTGGGCCATCGCCCTGATAGACG-GTTTTTCGCCCTTTGACGTGGAGTCCAGCTTCTTAAATAGTGGACTCTGTTCACAACTGGAACAACACTCAACCTATCTCGGTCTATTTCTTTGATTATAAGGGATTTTCCGATTTCGCCCTATTGGTTA-AAAAATGAGCTGATTAAACAAAATTTAAACCGAATTTAAACAAAATATTAACTTTTACAACTTTTCAAGTGGCACTTTTGGGGAAATGTGCGCGGAACCCCTATTGTTTATTTTCTAAATACATTCAAATAT-GTATCCGCTCATGAATTAATTTCTAGAAAACTCATCGAGCATCAATGAACCTGCAATTTATTCATATCAGGATTATCAATACCATATTTTGAAGGAGCGGTTCTGTAAATGAAGGAGAAAACCTCAACGAGG-CAGTTCATAGGATGGCAAGATCCTGGTATCGGTCTGCGATTCCGACTCGTCCAACATCAATACAACCTATTAATTTCCCTCGTCAAAAATAAGGTTATCAAGTGAGAATCACCATGAGTGACGACTGAATC-CGGTGAGAATGGCAAAAGTTTATGCAATTTCTTCAGACTTGTTCACAGCGCGACCCATTACGCTCGTCATCAAAATCACTCGCATCAACCAACCGCTTATTCATTCTGATGCGCTGAGCGAGACGAAATAC-GCGATCGCTGTTAAAGGACAATTAACAAACAGGAATCGAATGAACCGCGCGAGGAACACTGCCAGCGCATCAACAATATTTTCACTGAATCAGGATATTTCTTAATACCTGGAAATGCTGTTTTTCCCGGG-GATCGCAGTGGTGAGTAACCATGCATCATCAGGATACGGATAAAATGCTTGATGGTCCGAAGAGGCATAAAATCCGTCAGCCAGTTTGTCTGACCATCTCATCTGTAACATCATTTGGCAACGCTACCTTTTG-CATGTTTCAGAAACACTCTGGCGCATCGGGCTTCCCATACAATCGATAGATTGTGCGACCTGATTGCCGACATTTATCGCGAGCCATTATACCCATATAAATCAGCATCCATGTTGGAATTTAATCGCGG-CCTAGAGCAAGACGTTTCCCGTTGAATATGGCTCATAACACCCCTTGTATTACTGTTTATGTAAGCAGACAGTTTATTTGTTTCATGACCAAAATCCCTTAACGTGAGTTTTCGTTCCACTGAGCGTCAGACCCG-TAGAAAGATCAAAAGATCTTCTTGAGATCCCTTTTTTCTGCGCTAATCTGCTGCTTGAACAAAAAACACCCGCTACCAGCGGTGGTTTGTGTCGGGATCAAGAGCTACCAACTCTTTTTCCGAAGGTAAC-TGGCTTCAGCAGAGCGCAGATACCAAACTACTGCTTCTAGTGTAGCGGTAGTTAGGCCACACTCTCAAGAACTCTGTAGCAGCGCTACATACCTCGCTCTGCTAATCTCTGTACAGTGGCTGCTGCCAGTGGC-GATAAGCTCGTGTCTTACCGGGTTGGACTCAAGACGATAGTTACCGGATAAAGCGCAGCGGTGCGGCTGAACGGGGGTTCTGTCACACAGCCAGCTTGAGCGGAACGACCTACACCGAATGAGATACCTACAGC-GTGAGCTATGAGAAAGCGCCAGCTTCCGAAGGAGAAAGCGGACAGGTATCCGTTAAGCGCGAGGTGCGAAGAGAGCGCACGAGGAGCTTCCAGGGGAAACGCTGGTATCTTTATAGTCTGTCGG-GTTTCGCCACTCTGACTTGAGCGTGCATTTTGTGATGCTCGTCAAGGGGCGGAGCCTATGGAAGAAAGCGCAGCAACGCGGCTTTTACGGTTCTTGGCTTTTGTGCGCTTTTGTGCGCTTTTGTGCGCTTTTGTGCGCT-TGTTTACCCCTGATCTGTGTCGAGATTTTACCGCTTTCGATGAGCTGATACCGCTCGCCGAGCGGCTGAGTCAAGGAGCTGACTGGGTTGAAGGCTCTCAAGGCGATCGGTTCGAGATCCCGGCTTAATGAGGCTATTTCTCT-TACGCATCTGTCGGTATTTACACCGCATATATGGTGCATCTCAGTACAATCTGCTGATGCGCGATAGTTAAGCAGTATACACTCCGCTATCGTACGTGACTGGGTCTAGGTCGCGCCGACACCCG-CCAACACCCGCTGACGCGCCTGACGGGCTTGTCTGCTCCCGCATCCGCTTACAGACAGCTGTGACCGTCTCCGGGAGTGCATGTGTCAGAGGTTTTCACCGTCAACCGAAGCGCGGAGGAGCTCGGG-TAAAGCTCATCAGCGTGGTGTGAAGCGATTACAGATGTCTGCTGTTTATCCGCGTCCAGCTCTGTTGAGTTTCTCAGAAGCGTTAATGTCCTGGCTTCTGATAAAGCGGGCCATGTTAAGGCGGTTTTTCTCT-GTTTGGTCACTGATCCCTCCGTGAAGGGGATTTCTGTTCTATGGGGTAATGATACCGATGAACAGAGAGGATGCTCAGCATACGGGTACTGATGATGAACATCCCGGTTACTGGAACGTTGTGAGGGTA-AACAATGGCGGTATGATGCGCGGGGACAGAGAAAAATCACTCAGGTCATGCGCAGCGCTTCTGTTAATACAGATGTAGGTGTTCCACAGGGTAGCCAGCAGCATCCTGCGATGACAGTCCGGAACATAATGGT-GCAGGGCGTGACTTCCGCGTTTCCAGACTTTACGAAACACGGAACCGAAGACCATTCATGTTGTTGCTCAGGTGCGACAGCTTTTGAAGCAGCAGCTCGCTTCAAGTTCGCTCGCGTATCGGTGATTCTTCT-GCTAACCAAGTAAGCAACCCCGCCAGCTAGCCGGTCTCAACGACAGGACGATCATGCGCACCCGTGGGGCCGCCATGCCGCGATAATGGCTGCTTCTGCCGAAACGTTTGGTGGCGGGACGAGTGA-CGAAGCTTGAAGCAGGGCGTGAAGATTCGGAATACCGCAAGCGACAGGCGCATCATCTGTCGCGCTCCAGCGAAGAGCGTCTCGCGGAAATGACCCAGAGCGCTCGCGGACCTGCTCTACAGTTTGCATGA-TAAGAAAGACAGTCAATAGTGGCGCAGCATAGTCAATGCGCCGCCACCCGAAGGAGTCTGAGGTTGAAGGCTCTCAAGGCGATCGGTTCGAGATCCCGGCTTAATGAGTGAAGTGAATTTGTCGCTCACTGCGCGCTTCCAGTCCGGAACCTGCTGTCGCGAGCTGCATTAATGAATCGGCCAACGCGCGGGAGAGCGGTTTGGCTATTGGGCGCCAGGGTGGTTTTCTTTTCCAGGTGAGACGGG-CAACAGCTGATTGGCCTTACCGCTCGGCCGTGAGAGAGTTGACGACAGCGGTCCAGCTGTTTGGCCCGCAGCGGAAATCCTGTTGATGGTGGTTAAGCGGGGATTAACATGAGCTGTCTTCGGTATC-GTCTGATCCCACTACCGAGATATCCGACCAACCGCGCAGCCGACTCGGTAAATGGCGCCATTTGCGCCAGCGCATCTGATGTTTGGCAACAGCATCGAGTGGGAACGAGTCCGCTCATTCAGCATTTGAT-GGTTTGTGAAACCGGACATGGCACTCCAGTCCGCTTCCGTTCCGCTATCGCTGAATTTGATTGCGAGTGAGATATTTATGCCAGCCAGCCAGCAGCAGCGCGGAGACGAACTTAATGGGCGCGCTAA-CAGCGCGATTTGCTGGTGACCAATGCGACAGATGCTCCAGCCAGTCCGCTACCGCTCTCATGGGAGAAATAATATCTGTTGATGGTGGTTAAGCGGGGATTAACATGAGCTGTCTTCGGTATC-TATAGGGGAATTGTGAGCGGATTAACCAATCCCTCTAGAAATAAATTTGTTTAACTTTAAGAAAGAGATATACATATGTCAAGGAAAGAAAGAGCGAAGAGAGGCTTAAGGAAGGCGCTCAAAACCGAAACGAT-CATATCAACCTAAAGGTTGCCGGCAAGATGGCAGCGTACCTCAAGATTAAAGCTCACACCGCTTGAGTAACTGATGAAAGCTATTGCGAGCGTCAGGGGCTTAGTATGCGCCAAATTCGCTTC-CGCTTCGACGGACGCAATCAATGAACAGGATATCCTGCTCAACTGGAATGGAAGATGAGGACACCATTTGATGTTTTCAGCAACAAAGCGGAGCGTCCAGAGTCTTCACTTGCAGGACACAGCTTCGGAGG-CGGCTCAGAAGCGGAGGATCTGAGGGCGGTGGTTCAGAGCTCGAGGTTCTGTTCCAAGGACCT

VECTOR MAP



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