



T7 Promoter Primer
#69348-3

T7 promoter → lac operator Xba I

GATGCGTCCGGCGTAGAGGATCGAGATCGATCTCGATCCCGCGAAATAATACGACTCACTATAGGGGAATTGTGAGCGGATAACAATTCCCCTCTAGA

His•Tag Nus•Tag

AATAATTTTGTTTAACTTTAAGAAGGAGATACATATGGGCAGCAGCCATCACCACCATCACCATTCTAGTATG...1443bp...ATGGCTGCCGT
MetGlySerSerHisHisHisHisHisHisSerSerMet...481 aa...MetAlaAlaArg

Acc65 I
Kpn I
Bae I
SanDI
Xma I
Sma I

Nus•Tag His•Tag Sac II

AATATTTGCTGGTTCGGTGACGAAGCGACTAGTGGTTCGGTCATCACCATCACCATCACTCCGCGGCTCTTGAAGTCTCTTTTCAGGGACCCGGGTAC
AsnIleCysTrpPheGlyAspGluAlaThrSerGlySerGlyHisHisHisHisHisHisSerAlaAlaLeuGluValLeuPheGlnGlyProGlyTyr
HRV 3C

BamHI EcoRI BsrGI Asc I PshA I Sal I Hind III Eag I EcoICR I Sac I S•Tag

CAGGATCCGAATTCGTACAGGCCCTTGGCCGCCCGACGTCGTCGACAAGCTTGGCGCCGACAGACTCGCTCTGGTGCCACGCGGTAGTAAAGAAACC
GlnAspProAsnSerValGlnAlaLeuAlaArgProThrSerValAspLysLeuAlaAlaAlaGluLeuAlaLeuValProArgGlySerLysGluThr
thrombin

S•Tag Xho I Pac I Avr II

GCTGCTGCTAAATTCGAACGCCAGCACATGGACAGCTCTACTTCTGCTGCTCTCGAGGCTTAATTAACCTAGGCTGCTAAACAAAGCCCGAAAGGAAGC
AlaAlaAlaLysPheGluArgGlnHisMetAspSerSerThrSerAlaAlaLeuGluAlaEnd

AS S•Tag 18mer Primer
#71262-3

pET-50b(+) cloning/expression region