

pcDNA3.1/His[®] C MCS

839 CACTGCTTAC TGGCTTATCG AAATTAATAC GACTCACTAT AGGGAGACCC AAGCTGGCTA
T7 promoter priming site

899 GCGTTTAAAC TTAAGCTTAC C ATG GGG GGT TCT CAT CAT CAT CAT CAT CAT
Hind III Polyhistidine (6xHis) region
Met Gly Gly Ser His His His His His His

950 GGT ATG GCT AGC ATG ACT GGT GGA CAG CAA ATG GGT CGG GAT CTG TAC
Gly Met Ala Ser Met Thr Gly Gly Gln Gln Met Gly Arg Asp Leu Tyr

998 GAC GAT GAC GAT AAG GTA CCA GGA TCC AGT GTG GTG GAA TTC TGC AGA
Xpress™ Epitope Asp718 I Kpn I BamHI BstXI* EcoR I
Asp Asp Asp Asp Lys Val Pro Gly Ser Ser Val Val Glu Phe Cys Arg
Enterokinase recognition sequence ▲ EK cleavage site

1046 TAT CCA GCA CAG TGG CGG CCG CTC GAG TCT AGA GGG CCC GTT TAA
EcoR V BstXI* Not I Xho I Xba I Apa I
Tyr Pro Ala Gln Trp Arg Pro Leu glu Ser Arg Gly Pro Val ***

1091 ACCCGCTGAT CAGCCTCGAC TGTGCCTTCT AGTTGCCAGC CATCTGTTGT TTGCCCTCC
BGH reverse priming site

1151 CCCGTGCCTT CCTTGACCCT GGAAGGTGCC ACTCCCCTG TCCTTTCCTA ATAAAATGAG
BGH poly (A) site

1211 GAAATTGCAT

*Note that there are two *BstX I* sites in the polylinker.