pTrcHis B

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                                  pTrcHis forward primer
                                  RBS                          Mini cistron
361   AAAATTAAAG AGGTATATAT TA ATG TAT CGA TTA AAT AAG GAG GAA TAA ACC
                                 Met Tyr Arg Leu Asn Lys Glu Glu ***

                                      ProBond binding domain
413  ATG GGG GGT TCT CAT CAT CAT CAT CAT CAT GGT ATG GCT AGC ATG ACT
     Met Gly Gly Ser His His His His His His Gly Met Ala Ser Met Thr
                                                                  Bam HI
     gene 10 leader          Anti-Xpress™ Antibody Epitope  EK recognition sequence
461  GGT GGA CAG CAA ATG GGT CGG GAT CTG TAC GAC GAT GAC GAT AAG GAT
     Gly Gly Gln Gln Met Gly Arg Asp Leu Tyr Asp Asp Asp Asp Lys Asp
                                                                 ▲
          Xho I Sac I  Bgl  II      Pst I        Kpn I      Eco RI  Bst BI Hind III   EK cleavage site
509  CCG AGC TCG AGA TCT GCA GCT GGT ACC ATA TGG GAA TTC GAA GCT TGG
     Pro Ser Ser Arg Ser Ala Ala Gly Thr Ile Trp Glu Phe Glu Ala Trp

557  CTG TTT TGG CGG ATG AGA GAA GAT TTT CAG CCT GAT ACA GAT TAA ATC
     Leu Phe Trp Arg Met Arg Glu Asp Phe Gly Pro Asp Thr Asp ***
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