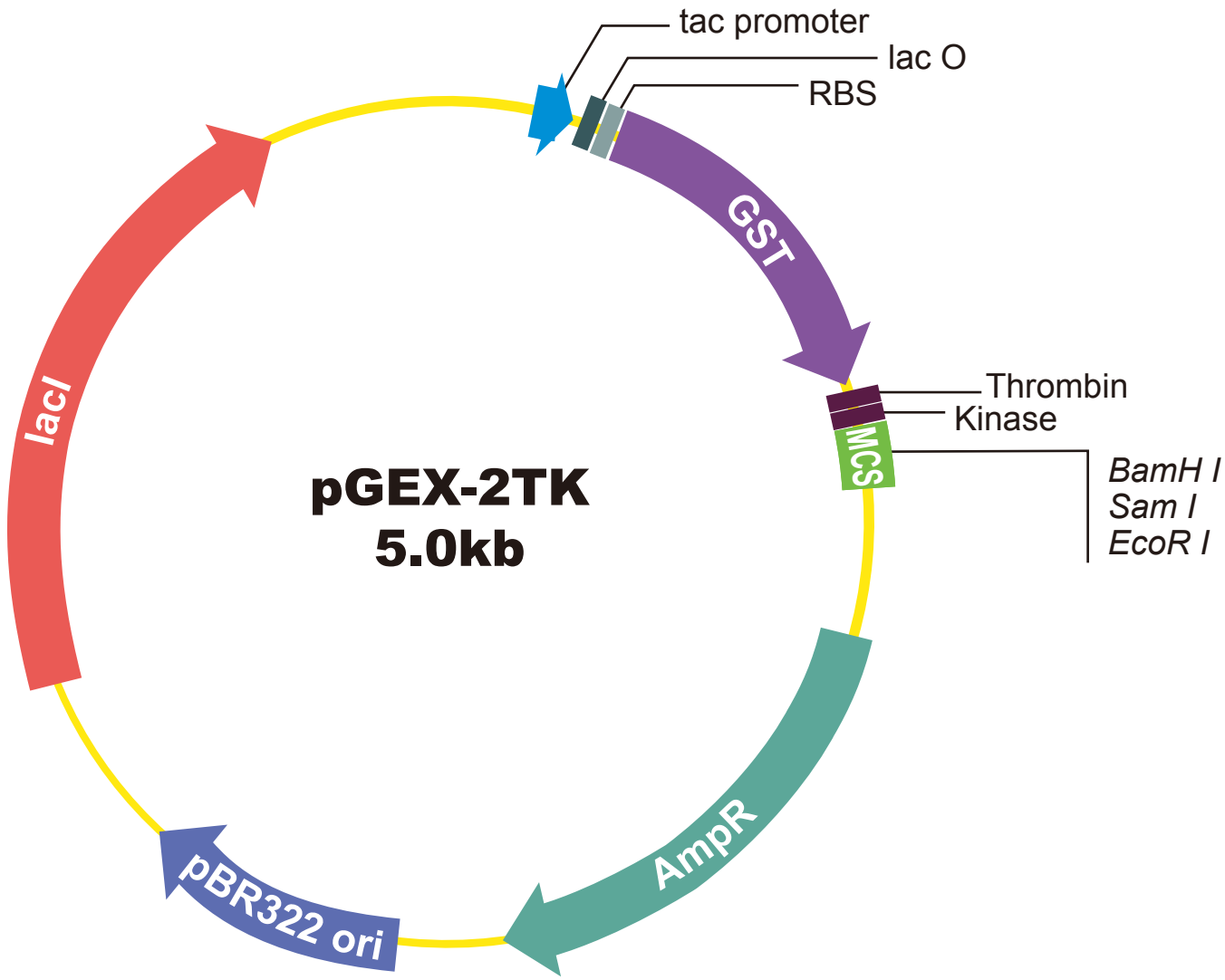

tac promoter — lac operator — rbs — GST tag

--- TTG ACA ATT AAT CAT CGG CTC GTA TAA TGT GTG GAA TTG TGA GCG GAT AAC AAT TTC ACA CAG GAA ACA GTA TTC ATG TCC CCT ATA ... 621bp ... GGT

M S P I ... 207aa ... G

GST tag — *Bam*H I — *Sma* I — *Eco*R I

GGC GAC CAT CCT CCA AAA TCG GAT CTG GTT CCG CGT GGA TCT CGT CGT GCA TCT GTT GGA TCC CCG GGA ATT CAT CGT GAC TGA CTG ACG ATC ---

G D H P P K S D L V P R G S R R A S V G S P G I H R D Stop

thrombin site — kinase site