

His-Patch Thioredoxin

640 gly gln leu lys glu phe leu asp ala asn leu ala gly ser gly ser gly
 GGT CAG TTG AAA GAG TTC CTC GAC GCT AAC CTG GCC GGC TCT GGA TCC GGT
 CCA GTC AAC TTT CTC AAG GAG CTG CGA TTG GAC CGG CCG AGA CCT AGG CCA

Enterokinase Recognition Site Enterokinase cleavage site 725

691 asp asp asp asp lys leu gly ile ile thr ser leu tyr lys lys ala gly
 GAT GAC GAT GAC AAG CTG GGA ATT ATC ACA AGT TTG TAC AAA AAA GCA GGC
 CTA CTG CTA CTG TTC GAC CCT TAA TAG TGT TCA AAG ATG TTT TTT CGT CCG

2408 attB1

742 pro ala phe leu tyr lys val val ile lys leu glu
 TNN --- GENE --- NAC CCA GCT TTC TTG TAC AAA GTG GTG ATC AAG CTT GAA
 ANN --- --- NTG GGT CGA AAG AAC ATG TTT CAC CAC TAG TTC GAA CTT

attB2

V5 epitope

2436 gly lys pro ile pro asn pro leu leu gly leu asp ser thr arg thr
 GGT AAG CCT ATC CCT AAC CCT CTC CTC GGT CTC GAT TCT ACG CGT ACC
 CCA TTG GGA TAG GGA TTG GGA GAG GAG GGT GAG CTA AGA TGC GCA TGG

6xHis tag

2484 gly his his his his his his ***
 GGT CAT CAT CAC CAT CAC CAT TGA GTT TAA ACG GTC TCC AGC TTG GCT
 CCA TTG CCA GTA GTA GTG GTA GTG GTA ACT CAA ATT TGC CAG AGG TCG