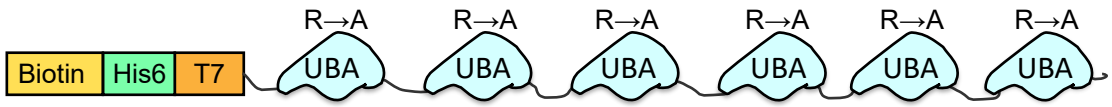
TR-TUBE (trypsin resistant-TUBE)

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        10         20         30         40         50         60         70         80         90        100
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METArgGlyC ysHisHisHi sHisHisHis GlyMETAlaS erMETThrGl yGlyGlnGln METGlyAspI leGlyGlyGl yGlySerGly GlyGlyValA
       110        120        130        140        150        160        170        180        190        200
ATCCTCAGCT ACAGAATCCA GAAGTCGCGT TTCAGCAACA ACTGGAACAA CTCAGTGCAA TGGGATTTTT GAACGCGGAA GCAAACTTGC AAGCTCTAAT
snProGlnLe uGlnAsnPro GluValAlaP heGlnGlnGl nLeuGluGln LeuSerAlaM ETGlyPheLe uAsnAlaGlu AlaAsnLeuG lnAlaLeuIl
       210        220        230        240        250        260        270        280        290        300
AGCAACAGGA GGTGATATTA ATGCAGCTAT TGAAGCGTTA CTGGGCTCCC AGCCATCAGG AGGTGGAGGA TCTGGAGGTG GAGTAAATCC TCAGCTACAG
eAlaThrGly GlyAspIleA snAlaAlaIl eGluAlaLeu LeuGlySerG lnProSerGl yGlyGlyGly SerGlyGlyG lyValAsnPr oGlnLeuGln
       310        320        330        340        350        360        370        380        390        400
AATCCAGAAG TCGCGTTTCA GCAACAACTG GAACAACTCA GTGCAATGGG ATTTTTGAAC GCGGAAGCAA ACTTGCAAGC TCTAATAGCA ACAGGAGGTG
AsnProGluV alAlaPheGl nGlnGlnLeu GluGlnLeuS erAlaMETGl yPheLeuAsn AlaGluAlaA snLeuGlnAl aLeuIleAla ThrGlyGlyA
       410        420        430        440        450        460        470        480        490        500
ATATTAATGC AGCTATTGAA GCGTTACTGG GCTCCCAGCC ATCAGGAGGT GGAGGATCTG GAGGTGGAGT AAATCCTCAG CTACAGAATC CAGAAGTCGC
spIleAsnAl aAlaIleGlu AlaLeuLeuG lySerGlnPr oSerGlyGly GlyGlySerG lyGlyGlyVa lAsnProGln LeuGlnAsnP roGluValAl
       510        520        530        540        550        560        570        580        590        600
GTTTCAGCAA CAACTGGAAC AACTCAGTGC AATGGGATTT TTGAACGCGG AAGCAAACTT GCAAGCTCTA ATAGCAACAG GAGGTGATAT TAATGCAGCT
aPheGlnGln GlnLeuGluG lnLeuSerAl aMETGlyPhe LeuAsnAlaG luAlaAsnLe uGlnAlaLeu IleAlaThrG lyGlyAspIl eAsnAlaAla
       610        620        630        640        650        660        670        680        690        700
ATTGAAGCGT TACTGGGCTC CCAGCCATCA GGAGGTGGAG GATCTGGAGG TGGAGTAAAT CCTCAGCTAC AGAATCCAGA AGTCGCGTTT CAGCAACAAC
IleGluAlaL euLeuGlySe rGlnProSer GlyGlyGlyG lySerGlyGl yGlyValAsn ProGlnLeuG lnAsnProGl uValAlaPhe GlnGlnGlnL
       710        720        730        740        750        760        770        780        790        800
TGGAACAACT CAGTGCAATG GGATTTTTGA ACGCGGAAGC AAACTTGCAA GCTCTAATAG CAACAGGAGG TGATATTAAT GCAGCTATTG AAGCGTTACT
euGluGlnLe uSerAlaMET GlyPheLeuA snAlaGluAl aAsnLeuGln AlaLeuIleA laThrGlyGl yAspIleAsn AlaAlaIleG luAlaLeuLe
       810        820        830        840        850        860        870        880        890        900
GGGCTCCCAG CCATCAGGAG GTGGAGGATC TGGAGGTGGA GTAAATCCTC AGCTACAGAA TCCAGAAGTC GCGTTTCAGC AACAACTGGA ACAACTCAGT
uGlySerGln ProSerGlyG lyGlyGlySe rGlyGlyGly ValAsnProG lnLeuGlnAs nProGluVal AlaPheGlnG lnGlnLeuGl uGlnLeuSer
       910        920        930        940        950        960        970        980        990       1000
GCAATGGGAT TTTTGAACGC GGAAGCAAAC TTGCAAGCTC TAATAGCAAC AGGAGGTGAT ATTAATGCAG CTATTGAAGC GTTACTGGGC TCCCAGCCAT
AlaMETGlyP heLeuAsnAl aGluAlaAsn LeuGlnAlaL euIleAlaTh rGlyGlyAsp IleAsnAlaA laIleGluAl aLeuLeuGly SerGlnProS
      1010       1020       1030       1040       1050       1060       1070       1080       1090       1100
CAGGAGGTGG AGGATCTGGA GGTGGAGTAA ATCCTCAGCT ACAGAATCCA GAAGTCGCGT TTCAGCAACA ACTGGAACAA CTCAGTGCAA TGGGATTTTT
erGlyGlyGl yGlySerGly GlyGlyValA snProGlnLe uGlnAsnPro GluValAlaP heGlnGlnGl nLeuGluGln LeuSerAlaM ETGlyPheLe
      1110       1120       1130       1140       1150       1160       1170       1180       1190       1200
GAACGCGGAA GCAAACTTGC AAGCTCTAAT AGCAACAGGA GGTGATATTA ATGCAGCTAT TGAAGCGTTA CTGGGCTCCC AGCCATCAGG AGGTGGAGGA
uAsnAlaGlu AlaAsnLeuG lnAlaLeuIl eAlaThrGly GlyAspIleA snAlaAlaIl eGluAlaLeu LeuGlySerG lnProSerGl yGlyGlyGly
      1210       1220       1230       1240       1250       1260       1270       1280       1290       1300
TCCTA A
Ser** *
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Biotinylation site Hexahistidine tag T7 tag UBA domain