pGex-4T-2\_GABARAP

GGATAACAATTTCACMCAGGAAACAGTATTCATGTCCCCTATACTAGGTTATTGGAAAATTAAGGGCCTTGTGCAACCCACTCGACTTCTTTTGGAATATCTTGAAGAAAAATATGAAGAGCATTTGTATGAGCGCGATGAAGGTGATAAATGGCGAAACAAAAAGTTTGAATTGGGTTTGGAGTTTCCCAATCTTCCTTATTATATTGATGGTGATGTTAAATTAACACAGTCTATGGCCATCATACGTTATATAGCTGACAAGCACAACATGTTGGGTGGTTGTCCAAAAGAGCGTGCAGAGATTTCAATGCTTGAAGGAGCGGTTTTGGATATTAGATACGGTGTTTCGAGAATTGCATATAGTAAAGACTTTGAAACTCTCAAAGTTGATTTTCTTAGCAAGCTACCTGAAATGCTGAAAATGTTCGAAGATCGTTTATGTCATAAAACATATTTAAATGGTGATCATGTAACCCATCCTGACTTCATGTTGTATGACGCTCTTGATGTTGTTTTATACATGGACCCAATGTGCCTGGATGCGTTCCCAAAATTAGTTTGTTTTAAAAAACGTATTGAAGCTATCCCACAAATTGATAAGTACTTGAAATCCAGCAAGTATATAGCATGGCCTTTGCAGGGCTGGCAAGCCACGTTTGGTGGTGGCGACCATCCTCCAAAATCGGATCTGGTTCCGCGTGGATCCATGAAGTTCGTGTACAAAGAAGAGCATCCGTTCGAGAAGCGCCGCTCTGAGGGCGAGAAGATCCGAAAGAAATACCCGGACCGGGTGCCGGTGATAGTAGAAAAGGCTCCCAAAGCTCGGATAGGAGACCTGGACAAAAAGAAATACCTGGTGCCTTCTGATCTCACAGTTGGTCAGTTCTACTTCTTGATCCGGAAGCGAATTCATCTCCGAGCTGAGGATGCCTTGTTTTTCTTTGTCAACAATGTCATTCCACCCACCAGTGCCACAATGGGTCAGCTGTACCAGGAACACCATGAAGAAGACTTCTTTCTCTACATTGCCTACAGTGACGAAAGTGTCTACGGTCTGTAATGCGGCCGCATCGTGACTGACTGACGATCTGCCTCGCGCGTTTCGGTGATGACGGTGAAAACCT

ggataacaatttcactcaggaaacagtattcatgtcccctatactaggttattggaaaatt

 D N N F T Q E T V F M S P I L G Y W K I

aagggccttgtgcaacccactcgacttcttttggaatatcttgaagaaaaatatgaagag

 K G L V Q P T R L L L E Y L E E K Y E E

catttgtatgagcgcgatgaaggtgataaatggcgaaacaaaaagtttgaattgggtttg

 H L Y E R D E G D K W R N K K F E L G L

gagtttcccaatcttccttattatattgatggtgatgttaaattaacacagtctatggcc

 E F P N L P Y Y I D G D V K L T Q S M A

atcatacgttatatagctgacaagcacaacatgttgggtggttgtccaaaagagcgtgca

 I I R Y I A D K H N M L G G C P K E R A

gagatttcaatgcttgaaggagcggttttggatattagatacggtgtttcgagaattgca

 E I S M L E G A V L D I R Y G V S R I A

tatagtaaagactttgaaactctcaaagttgattttcttagcaagctacctgaaatgctg

 Y S K D F E T L K V D F L S K L P E M L

aaaatgttcgaagatcgtttatgtcataaaacatatttaaatggtgatcatgtaacccat

 K M F E D R L C H K T Y L N G D H V T H

cctgacttcatgttgtatgacgctcttgatgttgttttatacatggacccaatgtgcctg

 P D F M L Y D A L D V V L Y M D P M C L

gatgcgttcccaaaattagtttgttttaaaaaacgtattgaagctatcccacaaattgat

 D A F P K L V C F K K R I E A I P Q I D

aagtacttgaaatccagcaagtatatagcatggcctttgcagggctggcaagccacgttt

 K Y L K S S K Y I A W P L Q G W Q A T F

ggtggtggcgaccatcctccaaaatcggatctggttccgcgtggatccatgaagttcgtg

 G G G D H P P K S D L V P R G S M K F V

tacaaagaagagcatccgttcgagaagcgccgctctgagggcgagaagatccgaaagaaa

 Y K E E H P F E K R R S E G E K I R K K

tacccggaccgggtgccggtgatagtagaaaaggctcccaaagctcggataggagacctg

 Y P D R V P V I V E K A P K A R I G D L

gacaaaaagaaatacctggtgccttctgatctcacagttggtcagttctacttcttgatc

 D K K K Y L V P S D L T V G Q F Y F L I

cggaagcgaattcatctccgagctgaggatgccttgtttttctttgtcaacaatgtcatt

 R K R I H L R A E D A L F F F V N N V I

ccacccaccagtgccacaatgggtcagctgtaccaggaacaccatgaagaagacttcttt

 P P T S A T M G Q L Y Q E H H E E D F F

ctctacattgcctacagtgacgaaagtgtctacggtctgtaatgcggccgcatcgtgact

 L Y I A Y S D E S V Y G L - C G R I V T

gactgacgatctgcctcgcgcgtttcggtgatgacggtgaaaacct

 D - R S A S R V S V M T V K T

BamH I

Not I

L V P R ↓ G S Thrombin