

Catalog no. K4937-00

2251 TCGTAACAAC TCCGCCCCAT TGACGCAAAT GGGCGGTAGG CGTGTACGGT GGGAGGTCTA TATAAGCAGA GCTCGTTTATG
 CAAT CMV forward priming site TATA
 2331 TGAACCGTCA GATCGCCTGG AGACGCCATC CACGCTGTTT TGACCTCCAT AGAAGACACC GACTCTAGAG GATCCACTAG
 Transcriptional start
 2411 TCCAGTGTGG TGAATTCTG CAGATATCAA CAAGTTTGT CAAAAAGCA GGCTTTAAAG GGAGGTAGTG AGTCGACCAG
 attB1
 GTCTATAGTT GTTCAAACAT GTTTTTTCGT CCGAAATTC CCTCCATCAC TCAGCTGGTC
 2491 TGGATCCTGG AGGCTTGCTG AAGGCTGTA T GCTG pre-miRNA ds oligo CAGGACA CAAGGCTGT TACTAGCACT CACATGGAAC
 5' miR flanking region 3' miR flanking region
 ACCTAGGACC TCCGAACGAC TTCCGACATA CGA C GTCC TGT GTTCCGGACA ATGATCGTGA GTGTACCTG
 2561 AAATGGCCCA GATCTGGCGG CACTCGAGAT ATCTAGAC CCA GCT TTC TTG TAC AAA GTG GTT GAT ATC CAG
 TTTACCGGGT CTAGACCGGC GTGAGCTCTA TAGATCTG GGT CGA AAG AAC ATG TTT CAC CAA CTA TAG GTC
 attB2
 2632 CAC AGT GGC GGC CGC TCG AGT CTA GAG GGC CCG CGG TTC GAA GGT AAG CCT ATC CCT AAC CCT CTC
 GTG TCA CCG CCG GCG AGC TCA GAT CTC CCG GGC GCC AAG CTT CCA TTC GGA TAG GGA TTG GGA GAG
 V5 epitope V5 (C-term) reverse priming site
 2698 CTC GGT CTC GAT TCT ACG CGT ACC GGT TAG TAA TGA GTTT
 GAG CCA GAG CTA AGA TGC GCA TGG CCA ATC ATT ACT
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Catalog no. K4938-00

2251 TCGTAACAAC TCCGCCCAT TACGCAAAT GGGCGTAGG CGTGACGGT GGGAGGCTA TATAAGCAGA GCTCGTTTATG
 CAAT CMV forward priming site TATA

2331 TGAACCGTCA GATCGCCTGG AGACGCCATC CACGCTGTTT TGACCTCCAT AGAAGACACC GACTCTAGAG GATCCACTAG
 Transcriptional start

2411 TCCAGTGTGG TGGAAATTCTG CAGATATCAA CAAGTTTGTG CAAAAAAGCA GGCTTTAAAA CC **ATG** GTG AGC AAG
 GTCTATAGTT GTTCAAACAT GTTTTTTCGT CCGAAATTTT GG TAC CAC TCG TTC
 Met Val Ser Lys
 EmGFP coding sequence EmGFP forward sequencing primer site 3192

2485 GGC --- --- --- GGC ATG GAC GAG CTG TAC AAG TAA GCT AAGCACTTCG TGGCCGTCGA TCGTTTAAAG
 CCG **EmGFP** CCG TAC CTG CTC GAC ATG TTC ATT CGA TTCGTGAAGC ACCGGCAGCT AGCAAATTC
 Gly --- --- --- Gly Met Asp Glu Leu Tyr Lys ***

3226 GGAGGTAGTG AGTCGACCAG TGGATCCTGG AGGCTTGCTG AAGGCTGTA **T GCTG** **pre-miRNA ds oligo** CAGGACA CAAGGCCTGT
 CCTCCATCAC TCAGCTGGTC ACCTAGGACC TCCGAACGAC TTCCGACATA **CGAC** **GTCC**TGT GTTCCGGACA
 5' miR flanking region 3' miR flanking region

3296 TACTAGCACT CACATGGAAC AAATGGCCCA GATCTGGCCG CACTCGAGAT ATCTAGAC CCA GCT TTC TTG TAC
 ATGATCGTGA GTGTACCTTG TTTACCGGGT CTAGACCGGC GTGAGCTCTA TAGATCTG GGT CGA AAG AAC ATG

3369 AAA GTG GTT GAT ATC CAG CAC AGT GGC GGC CGC TCG AGT CTA GAG GGC CCG CGG TTC GAA GGT
 TTT CAC CAA CTA TAG GTC GTG TCA CCG CCG GCG AGC TCA GAT CTC CCG GGC GCC AAG CTT **CCA**
 attB2

3432 AAG CCT ATC CCT AAC CCT CTC CTC GGT CTC GAT TCT ACG CGT ACC GGT TAG TAA TGA GTTT
 TTC GGA TAG GGA TTG GGA GAG GAG CCA GAG CTA AGA TGC GCA TGG CCA ATC ATT ACT
 V5 (C-term) reverse priming site V5 epitope