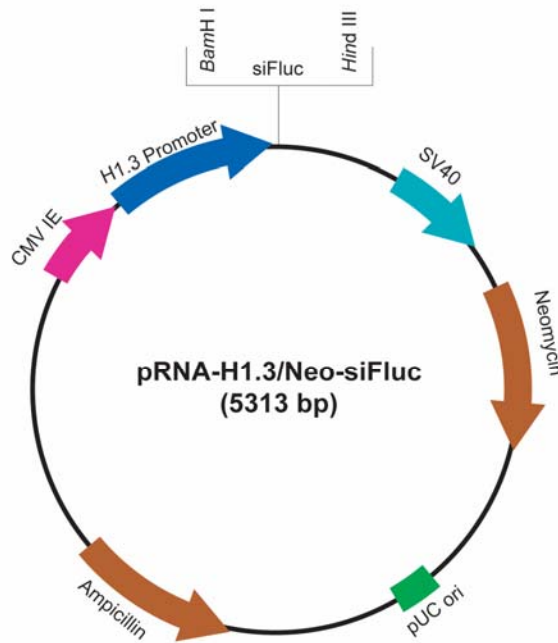


siRNA expression vector pRNA-H1.3/Neo/siFluc (Catalogue No.: SD1553)

Description: pRNA-H1.3/Neo/siFLuc is a GenScript siRNA expression vector. It is designed for mammalian transfection. It uses an enhanced H1 promoter (enhanced by a CMV enhancer just before H1 promoter) for siRNA expression. This vector contains siRNA construct for Firefly luciferase, and can be used as a positive control. It can also be used as a siRNA vector using BamH I and Hind III for siRNA insertion.



Polylinker: 5142-5211
CMV IE: 4559-5042
siFluc: 5148-5205
H1 Promoter: 5049-5143
SV40 Promoter: 647-992
Neomycin: 1033-1827
pUC ori: 2541-3181
Ampicillin: 3329-4189

Forward Sequencing Primer:
[DA0024: pRNA-H1.3 Forward](#)
 (GACGTCAATGGGAGTTTGTT)
Reverse Sequencing Primer:
[DA0012: pRNA Reverse](#)
 (TAGAAGGCACAGTCGAGG)

H1 Promoter
 →
 GGATCCCGCTTACGCTGAGTACTTCGATTCAAGAGATCGAAGTACTCAGCGTAAGTTTTTGGAAAGCTTAAGTTTAAACCGCTGATCAGCCTCGACTGTGCCTCTAGT
 BamHI HindIII
 BGH reverse primer site

Reference:

Xu Gang Xia, *et al.* (2003) An enhanced U6 promoter for synthesis of short hairpin RNA. *Nucleic Acids Research*, 31, No.17 e100