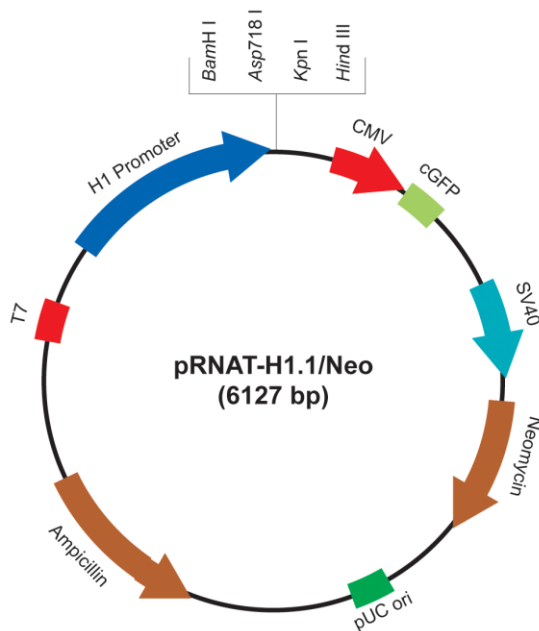


siRNA expression vector pRNAT-H1.1/Neo (Catalogue No.: SD1213)

Description: pRNAT-H1.1/Neo is a GenScript siRNA expression vector. It is designed for mammalian transfection. It carries a Neomycin resistance gene as the selectable marker which can be used for establishing stable cell line. The GFP marker (coral GFP, cGFP) under CMV promoter* control can be used to track the transfection efficiency. It uses H1 promoter for siRNA expression.



Polylinker: 6102-6125
H1 Promoter: 6002-6101
CMV Promoter: 37-624
cGFP: 641-1360
SV40 Promoter: 2049-2394
Neomycin: 2435-3229
pUC ori: 3943-4583
Ampicillin: 4731-5591

Forward Sequencing Primer:
[DA0013: pRNA-H1 Forward](#)
 (TAATACGACTCACTATAGGG)
Reverse Sequencing Primer:
[DA0012: pRNA Reverse](#)
 (TAGAAGGCACAGTCGAGG)

T7 Primer → GGATCCGAGCTCGGTACCAAGCTTAAGTTTAAACCGCTGATCAGCCTCGACTGTGCCCTTCTAAA
 Restriction sites: BamH I, Asp718 I, Kpn I, Hind III
 BGH reverse primer site

***Limited Use Label License:** The use of CMV promoter is covered under U. S. Patent No. 5,168,062 and 5,385,839 owned and licensed by the University of Iowa Research Foundation and is sold for research use only. Commercial users must obtain a license to these patents directly from the University of Iowa Research Foundation (UIRF), 214 Technology Innovation Center, Iowa City, Iowa 52242. For further information, please contact the Associate Director of UIRF, at 319-335-4546.