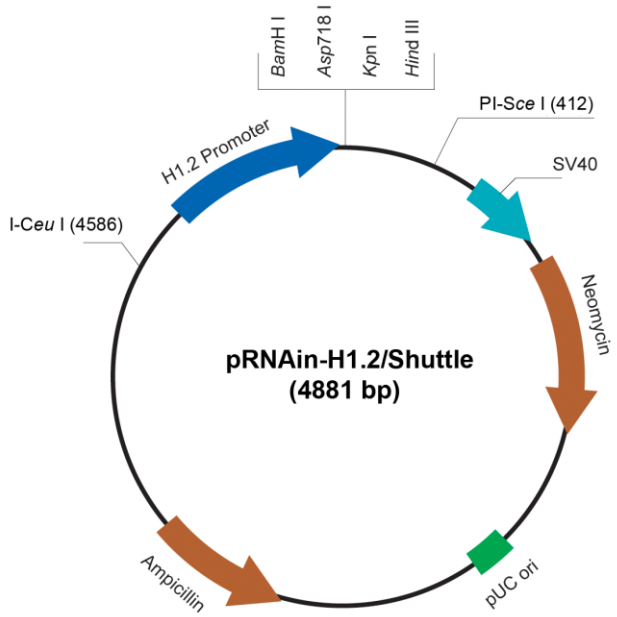
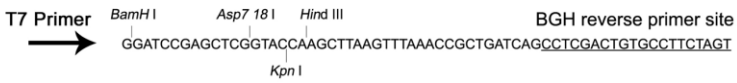
siRNA expression vector pRNAin-H1.2/Shuttle (Cat. No.: SD1234)

Description: **pRNAin-H1.2/Shuttle** is a GenScript adenoviral siRNA shuttle vector. It uses an inducible H1 promoter* for siRNA expression. This promoter contains a tetracycline operator (TetO1). As a competitor, tetracycline or doxycycline can bind this operator to remove the blockade of tetracycline repressor (TetR) from H1 promoter and induce the transcription of siRNA. The vector also contains a neomycin resistance gene under SV40 promoter control for establishing stable cell line.





Polylinker: 4753-4776
inH1 promoter: 4653-4752
SV40 promoter: 674-1019
Neomycin: 1060-1854
pUC ori: 2568-3208
Ampicillin: 3356-4216

Forward Sequencing Primer:
DA0013 pRNA-U6 Forward
(TAATACGACTCACTATAGGG)
Reverse Sequencing Primer:
DA0012: pRNA Reverse
(TAGAAGGCACAGTCGAGG)

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