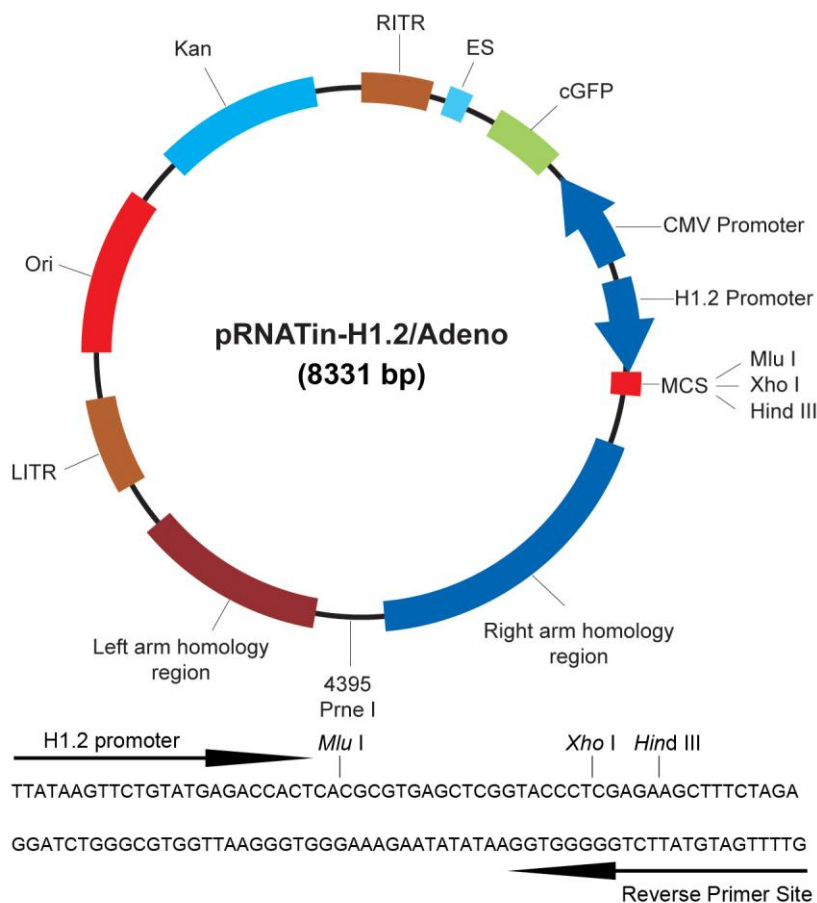


siRNA expression vector pRNATin-H1.2/Adeno (Catalogue No.: SD1229)

Description: GenScript pRNATin-H1.2/Adeno is an adenoviral siRNA shuttle vector. It is compatible with Stratagene AdEasy Adenoviral Vector System. It uses an inducible H1 promoter* for siRNA expression. The 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. pRNATin-H1.2/Adeno is designed for mammalian transfection. cGFP marker is under the control of cytomegalovirus (CMV) promoter** for tracking transfection efficiency. The vector also contains a Kanamycin resistance gene for transformant selection. LITR and RITR regions are available in this vector for recombinant viral DNA replication.



Polylinker: 2112-2141
CMV promoter: 1947-1356
cGFP: 1339-622
inH1 Promoter: 2012-2111
pBR322 origin: 5591-6258
Kanamycin: 7048-7839

Forward Sequencing Primer:
[DA0013_pRNA-H1 Forward](#)
(TAATACGACTCACTATAGGG)
Reverse Sequencing Primer:
[DA0014_pShuttle-H1.1 Reverse](#)
(CAAACTACATAAGACCCCCAC)

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