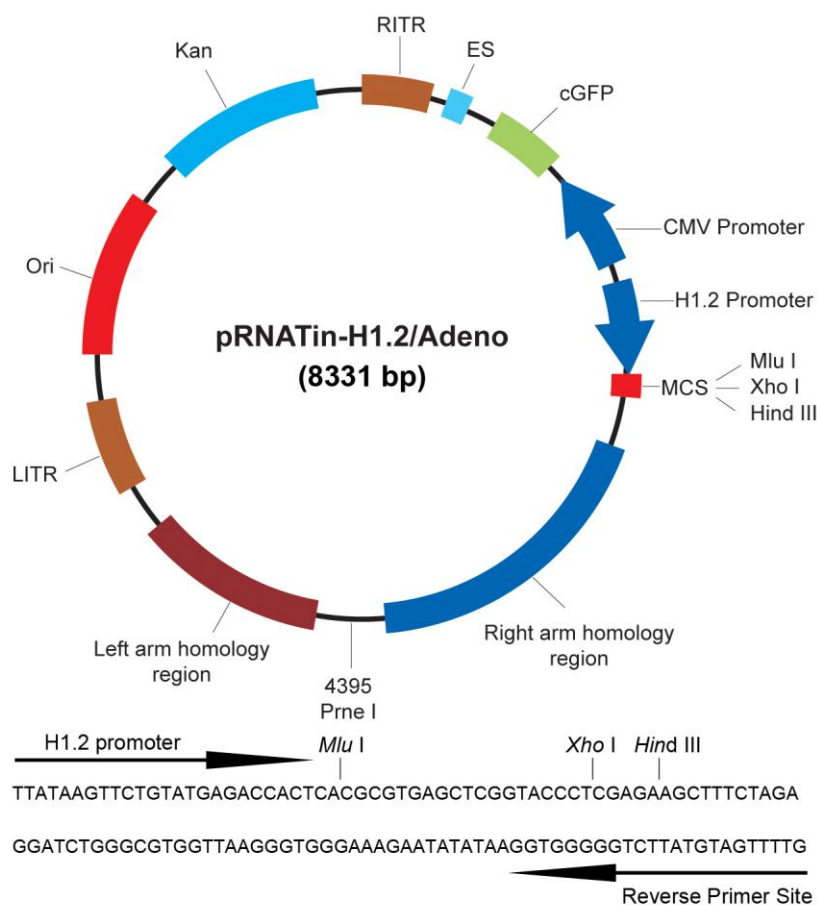


pRNATin-H1.2/Adeno

Cat. 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](#)
(CAAACACTACATAAGACCCCCAC)

***Limited Use Label License:** * This product is covered by United States Patent Applications No. 60/505,677, owned by Genscript Corporation. The purchase of this product conveys to the buyer the limited, non-exclusive, non-transferable right (without the right to resell, repackage, or further sublicense) under these patent rights to perform the siRNA synthesis methods claimed in the patent application for research and development purposes solely in conjunction with this product.

****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.