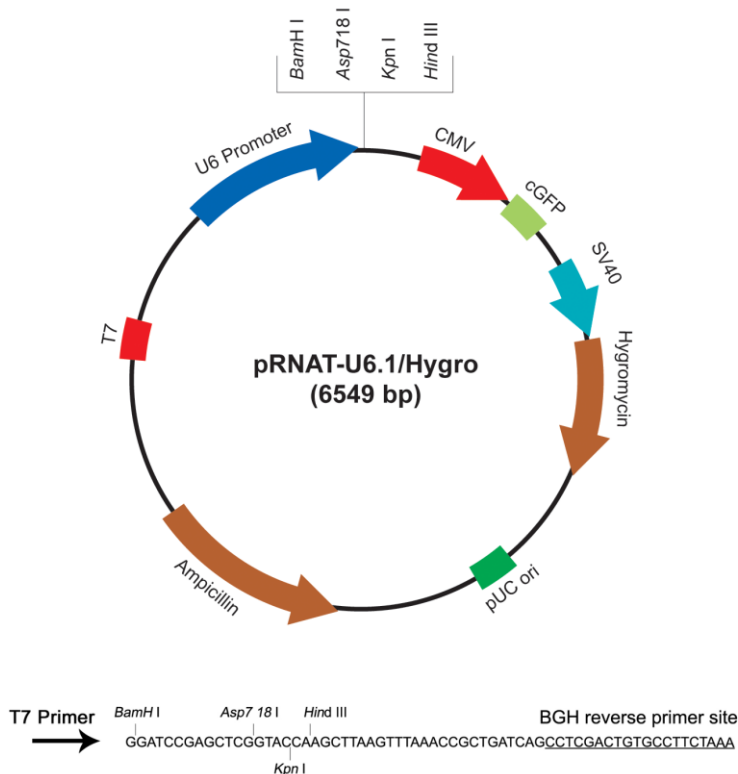


pRNAT-U6.1/Hygro

Cat. No. SD1212

Description: pRNAT-U6.1/Hygro is a GenScript siRNA expression vector. It is designed for mammalian transfection. It carries a Hygromycin 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 U6 promoter for siRNA expression.



Polylinker: 78-101

U6 Promoter: 6300-77

CMV Promoter: 140-727

cGFP: 744-1463

SV40 Promoter: 2152-2497

Hygromycin: 2520-3545

pUC ori: 4215-4855

Ampicillin: 5003-5863

Forward Sequencing Primer:

DA0011: pRNA-U6 Forward
(TACGATACAAGGCTGTTAGAGAG)

Reverse Sequencing Primer:

DA0012: pRNA Reverse
(TAGAAGGCACAGTCGAGG)

***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.