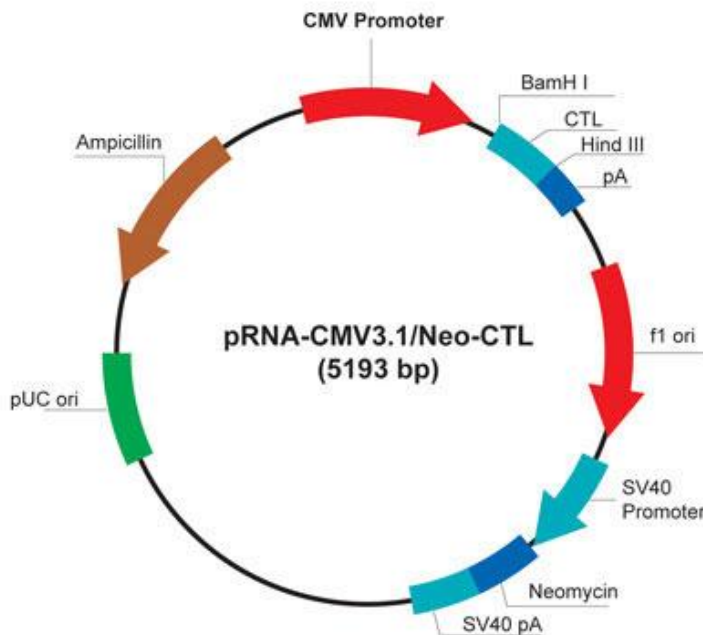


pRNA-CMV3.1/Neo/CTL

Cat. No. SD1831

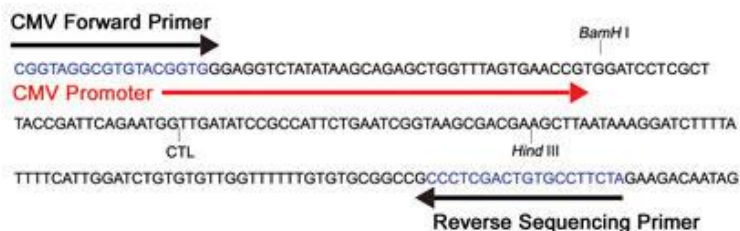
Description: pRNA-CMV3.1/Neo/CTL is a GenScript general-purpose siRNA negative control vector. It is designed for mammalian transfection. It uses CMV promoter for siRNA expression. The sense sequence shows no homology to mouse, and rats mRNA sequence collected in NCBI RefSeq database, and can be used as a negative control. It can also be used as a siRNA vector using BamH I and Hind III for siRNA insertion.



CMV Promoter: 1-583
Polylinker: 584-651
SV40 Promoter: 1267-1612
Neomycin: 1653-2447
pUC ori: 3161-3801
Ampicillin: 3949-4809

Forward Sequencing Primer:
 DA0023: pRNA-CMV Forward
 (GTACGGTGGGAGGTCTATAT)

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.