

pRYG DNA



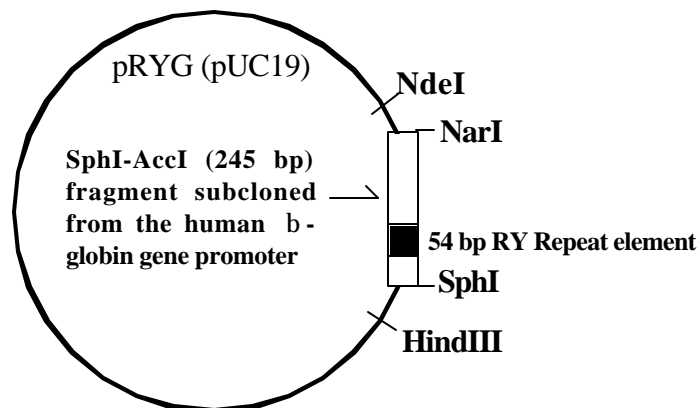
Catalog Number:

- 2023-2 Supercoiled pRYG DNA (20 ug)
- 2025-1 Relaxed pRYG DNA (10 ug)
- 2028-1 Linear pRYG DNA (10 ug)



Description of Plasmid:

pRYG is a pUC 19 derivative in which the 206 bp SphI-NarI fragment of pUC 19 was replaced with a 245 bp SphI-AccI fragment upstream of the human adult beta-globin gene promoter. The 245 bp fragment contains a 54 bp alternating repeat of purine/pyrimidine sequence that constitutes a strong eukaryotic topo II cleavage site. Cleavages within the repeat are readily detected in the absence of topo II inhibitors such as M-AMSA or VM-26. The sequence of the plasmid is given in Table 2 of Spitzner et al.



Shipping and Storage:

The plasmid is shipped at ambient temperature and should be stored at 4°C.

Storage buffer:

DNA is stored in 10 mM Tris-Cl (pH 7.5), and 1 mM EDTA at the concentration specified in the upper right corner above.

Reference

Spitzner et al., Nuc. Acid. Res. 18: 1-11 (1990)

Product Application and Disclaimer

This product is not licensed or approved for administration to humans or animals. It may be used with experimental animals only. The product is for *in vitro* research diagnostic studies only. The product is non-infectious and non-hazardous to human health. This information is based on present knowledge and does not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship. TopoGEN, Inc. shall not be held liable for product failure due to mishandling and incorrect storage by end user. TopoGEN's liability is limited to credit or product replacement.

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