



## Gene Therapy Research Reagent

### pGeneGrip™ Fluorescein/**β**-Galactosidase Vector

#### Product Summary

Cat. No: G102010  
Description: 25 µg / 50 µl Fluorescein-labeled plasmid with hCMV IE promoter/enhancer driving β-galactosidase gene (8.2 kb)  
Storage: Store at -20°C.  
Comments: Suitable for use in gene delivery studies. Optimized transfection reagents from Gene Therapy Systems are sold separately.

*For internal life science research use only not for diagnostic monitoring or human therapeutic use. This product is not licensed for performing services for profit by the purchaser or for resale by the purchaser.*

#### INTRODUCTION

pGeneGrip™ (US and World Patent pending) is a unique series of modified plasmids. Taking advantage of our unconventional DNA tagging procedure, pGeneGrip™ plasmid is efficiently and irreversibly labeled with Fluorescein, Rhodamine or Biotin without changing its supercoiled structure and transcriptional activity. As a breakthrough product line for gene delivery and gene therapy research, pGeneGrip™ plasmids, for the first time, provide scientists with the opportunity to simultaneously follow biodistribution of the plasmid DNA and expression of the encoded transgene product.

#### USAGE

Thaw at room temperature before use.  
Use as normal plasmid preparation for *in vitro* or *in vivo* transfection assays.

#### RELATED PRODUCTS

Please contact us for a complete list of pGeneGrip™ plasmid products bearing different labels and various encoded reporter genes.

Transfection reagents optimized for use with pGeneGrip™ plasmids are now available.