

Guide-it™ CRISPR/Cas9 System (Green)

Catalog No.	Amount
632601	1 system

Description

The Guide-it CRISPR/Cas9 System (Green) is a complete system for cloning and expression of a target single guide RNA (sgRNA) for mammalian gene modification studies using CRISPR/Cas9 technology. The pGuide-it-ZsGreen1 Vector is used to simultaneously express Cas9, a target-specific sgRNA, and the exceptionally bright fluorescent protein ZsGreen1. The vector is pre-linearized for simple insertion of a target sequence for sgRNA expression from the human U6 promoter; Cas9 nuclease and ZsGreen1 are co-expressed from a bidirectional CMV promoter. This kit also contains all of the components needed for cloning, including ligation mix, necessary controls, and Stellar™ Competent Cells.

Package Contents

- pGuide-it-ZsGreen1 Vector (Linear) (Cat. No. 632603; Not sold separately) >>[View Components](#)
- Guide-it Ligation Components (Cat. No. 632605; Not sold separately) >>[View Components](#)
- Stellar Competent Cells (Cat. No. 636763) >>[View Components](#)

For storage conditions, please see the Certificate of Analysis supplied with each component.

Product Documents

Documents for Clontech® products are available for download at www.clontech.com/manuals

The following documents apply to this product:

- Guide-it CRISPR/Cas9 System User Manual
- pGuide-it-ZsGreen1 Vector (Linear) Vector Information
- Stellar Competent Cells Protocol-At-A-Glance

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