

pGuide-it-sgRNA1 Vector System

Catalog No.	Amount
632612	1 system

Description

The pGuide-it-sgRNA1 Vector System is a complete system for cloning and expression of a target-specific single guide RNA (sgRNA) for mammalian gene modification studies using CRISPR/Cas9 technology. The pGuide-it-sgRNA1 Vector is used to express a target-specific sgRNA. This vector is pre-linearized for simple insertion of a target sequence for sgRNA expression from the human U6 promoter. It does not contain a selectable marker or fluorescence reporter. pGuide-it-sgRNA1 Vector can be used for transient transfection of mammalian cells. This kit also contains all of the components needed for cloning, including ligation mix, necessary controls, and Stellar™ Competent Cells.

Package Contents

- pGuide-it-sgRNA1 Vector (Linear) (Cat. No. 632614; not sold separately) [>>View Components](#)
- Guide-it™ Ligation Components v2 (Cat. No. 632615; 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 Gescicle Production System User Manual
- pGuide-it-sgRNA1 Vector (Linear) Vector Information
- Stellar Competent Cells Protocol-At-A-Glance

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This document has been reviewed and approved by the Clontech Quality Assurance Department.

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