

## Guide-it™ CRISPR/Cas9 System (Red)

<b>Catalog No.</b>	<b>Amount</b>
632602	1 system

### Description

The Guide-it CRISPR/Cas9 System (Red) 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-tdTomato Vector is used to simultaneously express Cas9, a target-specific sgRNA, and the exceptionally bright fluorescent protein tdTomato. The vector is pre-linearized for simple insertion of a target sequence for sgRNA expression from the human U6 promoter; Cas9 nuclease and tdTomato 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-tdTomato Vector (Linear) (Cat. No. 632604; 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](http://www.clontech.com/manuals)

The following documents apply to this product:

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

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### Notice to Purchaser

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

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