
Beta-Galactosidase Control

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Catalog No.	Amount	Lot Number
631326 (Not sold separately)	50 µg	Specified on product label.

Description

The Beta-Galactosidase Control is intended to be used as a control for our Xfect™ Protein Transfection Reagent. Beta-galactosidase catalyzes the hydrolysis of β-galactosides into monosaccharides, and is commonly used as a reporter protein. The enzyme provided is derived from *E. coli*.

Package Contents

- 50 µl Beta-Galactosidase Control

Storage Conditions

- Store at –20°C

Shelf Life

- 1 year from date of receipt under proper storage conditions.

Shipping Conditions

- Domestic: Dry ice (–70°C)
- International: Dry ice (–70°C)

Product User Manuals

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

The following user manual applies to this product:

- Xfect™ Protein Transfection Protocol (PT5166-2)

Quality Control Data

Beta-Galactosidase Control has been purified chromatographically, and its activity has been determined to be ≥ 500 units per mg, where 1 unit hydrolyzes 1µmole of o-nitrophenyl-beta-D-galactoside to o-nitrophenol and d-galactose per min at 37°C, pH 7.3 (1).

References

1. Craven, G. R. *et al.* (1965) *J. Biol. Chem.* **240**(6):2468-2477.

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

Clontech Laboratories, Inc.

A Takara Bio Company
1290 Terra Bella Avenue, Mountain View, CA 94043, USA
U.S. Technical Support: tech@clontech.com

United States/Canada	Asia Pacific	Europe	Japan
800.662.2566	+1.650.919.7300	+33.(0)1.3904.6880	+81.(0)77.543.6116
(PA0Y4207)			