

Beta-Galactosidase Control

Catalog No.	Amount	Lot Number
631326 (Not sold separately) Sold as a part of 631323 & 631324	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.

Expiration Date

- Specified on product label.

Shipping Conditions

- Dry ice

Product Documents

Documents for our products are available for download at takarabio.com/manuals
The following documents apply to this product:

- Xfect Protein Transfection Protocol

References

Craven, G. R., Steers Jr, E. & Anfinsen, C. B. Purification, composition, and molecular weight of the β-galactosidase of *Escherichia coli* K12. *J. Biol. Chem.* **240**, 2468–2477 (1965).

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 1 µmol of o-nitrophenyl-beta-D-galactoside to o-nitrophenol and d-galactose per min at 37°C, pH 7.3 (Craven, Steers Jr, and Anfinsen 1965).

It is certified that this product meets the above specifications, as reviewed and approved by the Quality Department.

Beta-Galactosidase Control

CATALOG NO.

631326

NOTICE TO PURCHASER:

Our products are to be used for **Research Use Only**. They may not be used for any other purpose, including, but not limited to, use in humans, therapeutic or diagnostic use, or commercial use of any kind. Our products may not be transferred to third parties, resold, modified for resale, or used to manufacture commercial products or to provide a service to third parties without our prior written approval.

Your use of this product is also subject to compliance with the licensing requirements, listed below if applicable, and described on the product's web page at <http://www.takarabio.com>. It is your responsibility to review, understand and adhere to any restrictions imposed by these statements.

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