

PRODUCT: X- α -Gal

CATALOG No.	AMOUNT
630407	25 mg (trial size)
630462	100 mg
630463	250 mg

LOT NUMBER

Specified on product label.

STORAGE CONDITIONS

Store at -20°C in the dark.

SHELF LIFE

3 years from date of receipt under proper storage conditions.

SHIPPING CONDITIONS

Dry ice (-70°C)

DESCRIPTION

X- α -Gal is a chromogenic substrate used to detect α -galactosidase activity. In yeast, α -galactosidase is a secreted reporter that is expressed from the MEL1 gene in response to GAL4 activation (1). α -galactosidase accumulates in the media and hydrolyses X- α -Gal causing yeast colonies to turn blue. X- α -Gal can be used with MatchmakerTM GAL4-based products to confirm protein interactions (2).

PACKAGE CONTENTS

- X- α -Gal

PRODUCT USER MANUAL

User manuals for Clontech products are available for download at www.clontech.com/manuals. The following user manual applies to this product:

- X- α -Gal Protocol-at-a-Glance (PT3353-2)

FOR RESEARCH USE ONLY**QUALITY CONTROL DATA**

Purity > 98% by TLC

REFERENCES

1. Liljestrom P. L. (1985) *Nucleic Acids Res.* **13**:7257-7268.
2. Aho, S., et al. (1997) *Anal. Biochem.* **253**:270-272.



Clontech

United States/Canada
800.662.2566

Asia Pacific
+1.650.919.7300

Europe
+33.(0)1.3904.6880

Japan
+81.(0)77.543.6116

Clontech Laboratories, Inc.
ATakara Bio Company
1290 Terra Bella Ave.
Mountain View, CA 94043
Technical Support (US)
E-mail: tech@clontech.com
www.clontech.com

(PA124280)

X- α -Gal

CATALOG NO.

630407

630462

630463

NOTICE TO PURCHASER:

Clontech products are to be used for research purposes only. They may not be used for any other purpose, including, but not limited to, use in drugs, *in vitro* diagnostic purposes, therapeutics, or in humans. Clontech 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 prior written approval of Clontech Laboratories, Inc.

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

LICENSING STATEMENTS:

Clontech, the Clontech logo, and Matchmaker are trademarks of Clontech Laboratories, Inc. All other marks are the property of their respective owners. Certain trademarks may not be registered in all jurisdictions. Clontech is a Takara Bio Company. ©2011 Clontech Laboratories, Inc.

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
800.662.2566

Asia Pacific
+1.650.919.7300

Europe
+33.(0)1.3904.6880

Japan
+81.(0)77.543.6116