

Y2HGold Yeast Strain

Catalog No.
630498

Amount
0.5 ml

Lot Number
Specified on product label.

Description

The *Saccharomyces cerevisiae* strain Y2HGold is designed for use with Matchmaker® Gold Yeast Two-Hybrid System (Takara Bio, Cat. No. 630489). Y2HGold includes the sensitive Aureobasidin A antibiotic-resistance gene as one of four reporters—providing exceptionally stringent yeast two-hybrid (Y2H) screening. This strain contains distinct *ADE2*, *HIS3*, *MEL1*, and *AURI-C* reporter constructs that are only expressed in the presence of GAL4-based protein interactions. Y2HGold is extremely effective in minimizing false positive protein interactions and background during a typical GAL4-based two-hybrid screen.

Package Contents

- 0.5 ml *Saccharomyces cerevisiae* Y2HGold

Storage Conditions

- Store at -70°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:

- Matchmaker Gold Yeast Two-Hybrid System User Manual

Quality Control Data

Nutritional requirements

The nutritional requirements (i.e., auxotrophic markers) of Y2HGold Yeast Strain were verified by streaking samples onto six types of SD minimal media: SD/-Ade, SD/-His, SD/-Leu, SD/-Trp, SD/-Ura, and SD/-Met.

Reporter function

The function of the *ADE2*, *HIS3*, *MEL1* and *AURI-C* reporters in Y2HGold Yeast Strain were verified using positive and negative control plasmids and plating on minimal media lacking adenine and histidine, and containing X-alpha-Gal and Aureobasidin A.

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

Takara Bio USA, Inc.

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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.

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