



## ***Tremella fuciformis*-*S.cerevisiae* Recombinant, Fixed and Titered**

**Part Number: 0801802F**

### **Part Numbers of Related Products:**

Genomic DNA: 0801802DNA-1µg

Live, Titered: 0801802

**FOR RESEARCH USE ONLY  
Not for *in vitro* Diagnostic Use**

### **Product Description**

Each frozen aliquot contains 1 mL of a pure, titered culture of a recombinant strain of *Saccharomyces cerevisiae*. A gene specific to *Tremella fuciformis* was inserted into the *S. cerevisiae* genome using standard recombinant techniques. *S. cerevisiae* was confirmed by rDNA sequencing. The purity of the culture was monitored by additional culturing and Gram staining to detect any contaminating bacteria. The culture has been inactivated and no viable cells were identified in an infectivity assay. The insert was detected with a specific in-house real-time PCR assay. The titer was performed on one aliquot using an in-house real-time PCR assay specific to the insert. The material is frozen in a purified protein serum matrix, see the Certificate of Analysis for more information. This material should be kept frozen at -65°C or below.

### **Intended Use\***

Recombinant *T. fuciformis*-*S. cerevisiae* can be used as an internal control in nucleic acid-based amplification assays. Controls should be run using the same protocols as those used to amplify extracted clinical specimens.

\*This control is intended to **only** be used with an assay from Luminex Molecular Diagnostics.

## Biosafety

No inactivation method is 100% effective. *S. cerevisiae* is a biosafety level 1 microorganism and should be used within the confines of a Biological Safety cabinet. Please consult your institution's regulations regarding the use of this organism. For a detailed discussion on biological safety see the 5<sup>th</sup> edition of Biosafety in Microbiological and Biomedical Laboratories (BMBL), published by the CDC at <http://www.cdc.gov/biosafety/publications/bmbl5/index.htm>.

## Precautions

- Use Universal Precautions, this organism is **potentially biohazardous**.
- Repetitive freezing and thawing is not recommended (aliquot material if necessary). Titer will be altered by a single freeze-thaw.
- To avoid cross-contamination, use separate pipette tips for all reagents.

## DO NOT USE IN HUMANS OR AS A CLINICAL DIAGNOSTIC.

These products are intended for research, product development or manufacturing use only. These products are NOT intended for use in the manufacture or processing of injectable products subject to licensure under section 351 of the Public Health Service Act or for any other product intended for administration to humans.



This product was manufactured in a facility whose Quality Management System is certified as being in compliance with ISO 9001:2008 and ISO 13485:2003 standards.

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