

# **Tuner-Gal**

**Product Name: Tuner-Gal**

## **User Manual**

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## Description

Tuner-Gal is a glycosylation adjust with a clear chemical composition, which is independently developed, researched, and produced by Shanghai BioEngine Sci-Tech Co., Ltd. Tuner-Gal is designed to increase the galactosylation level of product protein in various cell cultures, such as Chinese Hamster Ovary (CHO) cells.

## Application

This product is a sterile liquid product intended for research or further manufacturing in the bio-manufacturing industry, but not for human or therapeutic use.

## Composition

The IP rights of Tuner-Gal formulation are owned by Shanghai BioEngine Sci-Tech Co., Ltd.

This medium does not contain:

- ☒ Cytokines and antibiotics.
- ☒ Raw materials from animal sources.

## Storage

- Store medium at 2-8°C, away from light.
- Do not use it after the expiration date or precipitation.

## General culture recommendations

Tuner-Gal is added into the culture system at 0.1-0.2% (v/v, Tuner-Gal/Culture volume) on day 2 or 3 and then every other day.

Or

Add Tuner-Gal into basal medium with the volume ratio of 1:100 to 1:50 (v/v, Tuner-Gal/Basal medium volume).

*Note:*

- (1) The volume ratio could be further optimized according to the target glycosylation level.
- (2) Tuner-Gal can be used together with other Tuners to regulate protein glycosylation.

## Related Product

Product Name	Type	Cat. No.	Form	Size	Packaging	Note
Tuner-Gal	Additive	EXP0119201	Liquid	1 L	Bottle	Increase the galactosylation level of product protein in various cell cultures
		EXP0119202	Liquid	100 ml	Bottle	



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Tel: 86-21-68582660

Web: [www.bio-engine.com](http://www.bio-engine.com)

**Shanghai BioEngine Sci-Tech Co., Ltd**

Floor 4, Building 3, Lane 396, LvZhou Ring Road, Shanghai, China

Tel: 86-21-68582660

[www.bio-engine.com.cn/EN](http://www.bio-engine.com.cn/EN)

